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Lancaster Farming

VOL. 16 NO. 16 — Lancaster Farming, Saturday, March 13, 1971 — $2.00 Per Year

Farm Calendar

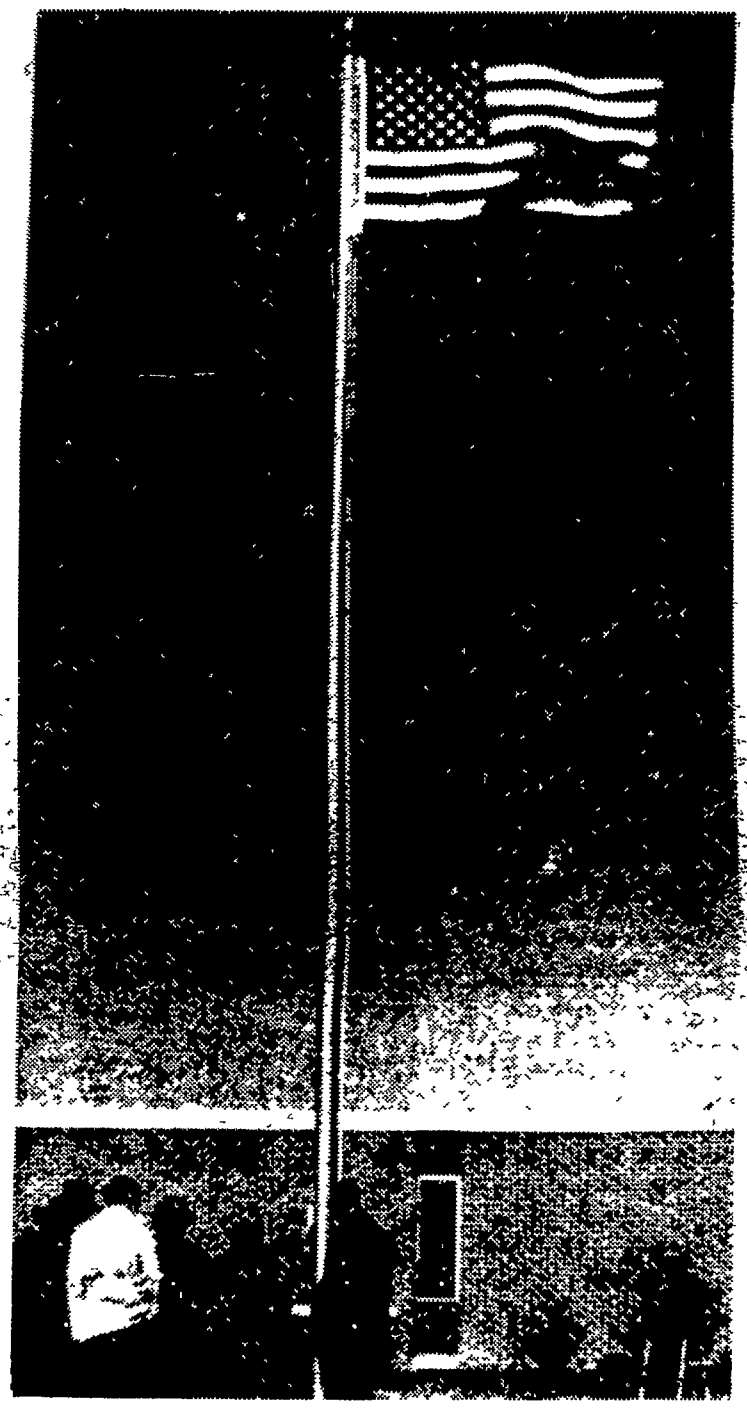
Saturday, March 13
Hydetown, Crawford County
State Grange Regional Institute,

Monday, March 15
7 30 p.m —New Holland Community 4-H Club reorganization meeting, home of Mrs Woodrow Good, 568 W Main St, New Holland
7.45 p.m —Chester County Dairy Nutrition and Feeding meeting, Owen J Roberts High School vocational agriculture room
7.45 p.m — Regional Young Farmers Volleyball tournament, Manheim Senior High School
8 p.m. — Grange meeting on County roads, Fulton Grange Hall

Tuesday, March 16
12 noon—Lancaster County Agricultural and Home Economics Extension Association luncheon meeting, Willow Valley Restaurant.
7:30 p.m.—Lincoln Community 4-H Club reorganization meeting, Mt. Airy Fire Hall.
7:30 p.m. — Farm and Home Foundation board meeting, Farm and Home Center.
7:30 p.m. — Lancaster County ASC Committee informational meeting, Production Credit building, 411 W Roseville Road, Lancaster
7:30 p.m —Elizabethtown-Donegal Community Club organizational meeting, Donegal High School
7:30 p.m. — Ephrata Young Farmers Monthly meeting, "Modern Fertilization", Vocational Agriculture department, Ephrata Area High School
8 p.m —Dairy herd health educational meeting, Farm and Home Center

Wednesday, March 17
8 p.m.—4-H Club Skating Party, Rocky Springs Park.
31st Annual PENB membership meeting, Ramoda Inn, O'Hare, Chicago, March 17-18.

(Continued on Page 6)



Several persons gather at the base of the new flagpole at the Farm and Home Center Tuesday afternoon shortly after the flagpole was dedicated to the memory of the late Victor Plastow. Plastow was the associate Lancaster County agricultural agent in charge of dairying for many years until his death last year. The dedication occurred as hundreds of dairymen gathered at the Center for Dairy Day. (Photo and Dairy Day articles on page 9.)

Penn State Releases New Seed Varieties to Commerical Dealers

Seed is now available from commercial seed dealers for several of the newer varieties of plants developed and released by the Agricultural Experiment Station of Pennsylvania State University

Pa 604, a doublecross field corn hybrid, is about the same height and maturity as Pa 602A, a popular hybrid, but is superior in grain yield Silage yields of Pa 604 and Pa 602A are comparable

Pa 604 is competitive in yield and performance with any of the commercial corn hybrids in its maturity class

Pa 870S, a singlecross field corn hybrid, has shown superior performance in yield trials and has exhibited good drought tolerance Pa. 870S is slightly shorter in height than Pa. 890S, released in 1966, and slightly earlier in maturity.

Pa 870S has excellent standability and root lodging resistance. It compares favorably with the better commercially available singlecross hybrids.

Pa 8703, a modified three-way cross field corn hybrid, is similar to Pa 870S in yield and standability, comparing favorably with the best of the commercially available field corn hybrids

Pennbel pepper is a high yielding early variety of sweet pepper The fruits are uniform, 3 to 4 lobed, and blocky. Plants of Pennbel pepper are medium in size and compact The flesh is sweet and mild

Pennbeauty eggplant is a mid early, highly productive variety of eggplant The fruits are uniform in shape and size.

Both Pennbel pepper and Pennbeauty eggplant were developed by Dr M L Odland, of the Department of Horticulture, who is now retired

Pennstar Kentucky bluegrass produces a dense fine turf which recovers well following dry periods. It maintains a leafy, high quality turf when many other bluegrass sods become thin and stemmy.

Pennstar Kentucky bluegrass is highly resistant to leafspot and rust, being superior to Merion Kentucky bluegrass in this respect. Pennstar requires medium to medium high fertility Dr J M Duich, of the Department of Agronomy, developed Pennstar

2 Dairy Meetings Set

Educational meetings for dairymen have been scheduled at the Farm and Home Center March 16 and March 25 Both meetings start at 8 p m

At the Tuesday, March 16 meeting, Dr Richard Adams Penn State dairy Extension specialist, will speak on "Nutrition and Disease" and Dr Robert L Gutzwiller, Lancaster, will speak on "Herd Infertility —Causes and Correction"

At the Thursday, March 25 meeting, Donald Ace, Penn State dairy Extension specialist, will speak on "Rearing Healthy Replacements" and the topic of Dr Samuel Guss, Penn State Extension veterinarian, will be "Internal - External Parasite Control"

In urging dairymen to attend, Max Smith, Lancaster County agricultural agent, stated, "I would like to call your attention to the importance of these subjects I'm sure that the speakers will deliver many helpful suggestions for the dairy producer We hope that you will be interested in attending both of these meetings."

Role of Marek's Vaccine in Poultry Industry Emphasized

Marek's vaccine, which was just started in Pennsylvania January 1, is just the beginning in terms of flock protection in disease, speakers said Thursday night.

Speaking at the Farm and Home Center to a large turnout of about 110 Lancaster County poultrymen and allied industrymen, Dr Dwight Schwartz. Penn State Extension veterinarian, said that Marek's disease before this year had cost the national poultry industry $300,000,000 a year

Noting that Marek's research started back in 1938, Dr. Schwartz emphasized that the new vaccine which has finally been developed and approved is 90 per cent effective.

He projected that side benefits may eventually prove to be more important than just stopping poultry mortality.

Dr. Dwight Schwartz
'Marek's Is 90% Effective'

These side benefits include increased productivity of birds, increased immunity to other diseases, and even increased effectiveness of other vaccines

These benefits stem largely from the fact that Marek's vaccinated birds are more vigorous and healthier, he said

In the past, much of the loss from Marek's has been in the form of weakened birds which did not gain efficiently and were readily subject to other diseases

The improvements in poultry because of Marek's will be most beneficial to commercial laying flocks and breeder flocks and to pullet rearing operations, Dr. Schwartz said

Both Dr Schwartz and Dr Floyd Hicks, Penn State Extension poultry specialist, emphasized that Marek's vaccine is "not the final answer but will suffice until something better comes along."

They both commented on moves toward development of an effective and efficient air filtration system for use in farmer poultry houses

This filtration will greatly reduce the dust particles and the downy feathers which are in poultry houses and are carriers of bacteria and germs, they said

Research at the University of Georgia has shown that filtration, similar to hospital filtration systems, can reduce Marek's disease and other diseases The research shows that the longer disease is kept from birds, the more resistant and vigorous they are.

Filtration serves to keep dis-

(Continued on Page 10)

Dr. Floyd Hicks
'Air Filtration Coming'

Local Livestock Market and Auction Reports

Lancaster Auction

Wednesday, March 10

	Cattle	Calves	Hogs	Sheep
Today	1200	134	358	0
Last wk	1034	96	304	3
Last yr	1129	74	325	18
This weeks auction	1007	115	343	0
Last weeks auction	892	144	322	28

CATTLE — Compared to Monday, Slaughter Steers steady to 25 lower with Good to low-Choice at full decline, Cows fully steady, instance 25 higher on Cutter, Bulls fully steady with Utility and Commercial 25-50 higher

SLAUGHTER STEERS—High-Choice and Prime 1075-1350 lbs 33 50-34 60, Choice 950-1350 lbs 31 75-33 75 few 33 75-34 10, high-Good and low-Choice 30 50-32 00 Good 27 85-31 00, Standard and low-Good 26 00-28 00

SLAUGHTER HEIFERS — Choice 850-1000 lbs 28 50-29 50, Good 26 75-28 50

COWS — Utility and high-dressing Cutter 22 00-23 60, few 23 75-24 10 Cutter 21 25-22 50 Canner and low-Cutter 18 60-21 00

BULLS — Choice 29 00-30 10, Good 27 50-29 00, Utility and Commercial 27 75-31 00, twelve head 31 10-31 50

VEAL CALVES—Vealers 1 00-2 00 higher

VEALERS — Choice 54 00-57 00, few 57 50-59 00, Good 49 00-54 50, Standard 44 00-49 00, Utility 36 00-44 00, Cull 90-120 lbs 25 00-31 00

HOGS — Barrows and Gilts 50-1.00 lower

BARROWS AND GILTS—US 1 215 lbs 19 50, US 1-2 200-225 lbs 18 50-19 00, US 2-3 195-245 lbs 18 00-18 35

SHEEP — None

Lebanon Valley Auction

Tuesday, March 9
376 Head of Cattle

Steers High Choice and Prime (few), 33 00 33 60 Choice, 31 75-33 00, Good, 29 00-30 85, Standard, 26 50-28 25, Utility, 24 50-26.00

Heifers Good (few), 26 00-28 25 Utility (few), 24 00 25 60

Cows Utility (individual), 22 85-24 10, Cutter 22 00 23 00 Canner, 19 75-21 75 Shells down to 17 50

Bulls Choice (few), 30 25-31 25 Good, 28 00-30 50, Utility and Commercial, 26 25 30 85

253 Head of Veal Calves

Choice, 57 00 59 50, Good, 50 00-56 00, Standard, 45 50 49 00, Utility, 40 50-45 00, Cull 90-120 pounds, 30 00 39 00, Cull 70 85 pounds, 26 00-30 00

Farm Calves Heifers 85-120 pounds 46 00 50 00

310 Head of Hogs

Barrows and Gilts U S. 2-3 190 250 pounds, 18 25-18 75 U S 2 4 190-260 pounds 17 60-18 25, U S 2 4 130 190 pounds (few), 17 10, U S 2-3 300 600 pounds (few), 14 00 15 35

Boars 12 00 13 50

40 Head of Feeder Pigs

U S 1-3 25-35 pounds, 3 00-10 00

Green Dragon Hay Market

Friday, March 5

16 loads hay, including Alfalfa, few loads, 46 00-52 00, Timothy, one load, 34 00 Mixed hay, 31 50 45 00, Clover, one load, 28 00

14 loads straw, 41 00 48 00

Lancaster Market

Monday, March 8

	Cattle	Calves	Hogs	Sheep
Today	1121	215	806	117
Last wk	821	235	802	133
Last yr.	602	295	789	145

CATTLE — Including 632 in auction, Slaughter Steers uneven, high-Choice and Prime weak to 25 lower, Standard to Choice strong to 25 higher, Cows 25-50 higher, instances 75 higher on Cutter, Bulls steady to 50 lower

SLAUGHTER STEERS—High-Choice and Prime 1150-1325 lbs 34 00-34 75, including around three loads at 34 75, few high-Choice and Prime 1440-1480 lbs 33 60-34 00, Choice 975-1350 lbs 32 00-33 85, few 1400-1600 lbs 31 85-33 10, high-Good and low-Choice 30 50-32 00, Good 28 75-31 50, Standard and low-Good 25 50 28 00

SLAUGHTER HEIFERS — Choice 800 950 lbs 28 25-29 25, couple 30 10 Good 26 00-27 50

COWS — Utility and high-dressing Cutter 22 00-23.50, few 23 50-24 00, Cutter 21 00-22 75, Canner and low-Cutter 18 75-20 50

BULLS — Choice 28 75-30 50, Good 27 35-28 60, Utility and Commercial 27 25-29 75, few 30 25 31 00

VEAL CALVES — Vealers 2 00-3 00 highe

VEALERS — Choice 52 00-56 00, Good 46 00-52 00, Standard 43 00 48 00, Utility 34 00-41.00, Cull 90-120 lbs 28 00-32.00, 65-85 lbs 22 00-28 00

HOGS — Barrows and Gilts 50-75 higher

BARROWS AND GILTS — US 1 200-235 lbs 20 00-20 50, US 1-2 195-240 lbs 19 25-19 75, Bulk of supply US 2-3 190-260 lbs 18 75-19 25

SHEEP — Wooled Lambs fully steady

WOOLED LAMBS — Choice 70-100 lbs 25 00-26 50, few sales 27 00 27 50, Good 65-90 lbs 23 00-25 00, Utility 20 00-23 00

HAY PRICES

For Southeastern and South Central Pennsylvania

Monday, March 8

All hay No 2 and better prices paid by dealers at the farm, price per ton

Hay and straw steady to weak

Alfalfa	33 00-45 00
Timothy hay	20 00-33 00
Mixed hay	25 00-35 00
Straw	25 00-35 00
Mulch	12 00-22 00

Reported by Bureau of Markets Pa. Dept. of Agriculture.

Composite Report

Friday Weekly, March 11

Lancaster, Vintage and New Holland Markets

	Cattle	Calves
This week	4600	1400
Last week	3481	923
Last year	3891	1129

CATTLE — Slaughter Steers weak to 50 lower, Cows generally 50 higher, although 50 lower than last week's sharp advance at the close, Bulls fully steady with Utility and Commercial 50-1 00 higher Supply included an estimated 55 percent Slaughter Steers, 25 percent Cows and Bulls, with the balance mainly Feeder Steers.

SLAUGHTER STEERS—High-Choice and Prime 1050-1425 lbs 33 50-34 75, including three loads on Monday at 34 75. Choice 950-1375 lbs 31 35-33 85, high-Good and low-Choice 30 00-32 00, Good 28 00-31 25; Standard and low-Good 24 75-28 00

SLAUGHTER HEIFERS — Choice 800-1000 lbs 28 25-29 50, few 29 50-30 60, Good 26 00-28 50

COWS — Utility and high-dressing Cutter 21 75 23 50, few 23 75-24 50, Cutter 20 50-22 50, Canner and low-Cutter 18 50-21 00

BULLS — Choice 29 00-30 75, few 31 00-31 75, Good 26 75-29 25, Utility and Commercial 27 25-30 75, few 30 75-32 00, with eight head 32 50-33 25, Cutter and low-Utility 24 00-27 00

VEAL CALVES — Vealers generally 2 00-4 00 higher, Calves returned to farm strong to 3 00 higher

VEALERS — Choice 54 00-57 00, few 57.00-59.00, Good 48 00-54 00, Standard 42 00-50 00; Utility 34 00-44 00, Cull 25 00-32 00

CALVES RETURNED TO FARM — Bulk 90-110 lbs 35 00-48 00 with Holstein Heifers 48 00-55 00

Local Grain

Thursday, March 11

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted however, that not every dealer handles each commodity All prices are per bushel except for ear corn which is per ton.

The average local grain prices quoted Thursday, March 11, 1971, are as follows

	*Bid	Offered
Ear Corn	41 00	46 00
Shelled Corn	1 68	1 88
Oats (local)	.84	94
Oats (western)	1 01	1 06
Barley	1 36	1 59
Wheat	1 70	1 89

*Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

Vintage Auction

Tuesday, March 9

	Cattle	Calves	Hogs	Sheep
Today	894	566	621	8
Last wk	788	480	743	10
Last yr	725	410	566	35

CATTLE — Compared with last Tuesday, Slaughter Steers steady instances weak; Cows 25-50 higher, Bulls mostly steady Supply included 36 percent Cows

SLAUGHTER STEERS — High-Choice and Prime 1100-1425 lbs 33 50-34 35, ten head 34.60-34 85; Choice 950-1375 lbs 31 35-33 60, few head 33 60-34.00, high-Good and low-Choice 30 50-31 75, Good 28 00-31.25, Standard and low-Good 25.00-28 00

SLAUGHTER HEIFERS — Choice 800-900 lbs 29 60-30 60, Good 26 00-28 75

COWS — Utility and high-dressing Cutter 21 75-23 50, few 23 50-24 10, Cutter 20 50-22.50, Canner and low-Cutter 18 75-20 00

BULLS — Good 26 75-28 75, few Choice 29 00-30 25, Utility and Commercial 26 75-29 50, couple 31 10-31 25, Cutter and low-Utility 25 00-26 50

VEAL CALVES—Vealers 2 00-4 00 higher, Calves returned to farm steady to strong with Holstein heifers 1 00-3 00 higher

VEALERS — Choice 54 00-58 00, Good 48 00-54.00, Standard 42 00-49 00; Utility 34 00-42 00, Cull 90-120 lbs 30 00-34 00, 65-85 lbs 25.00-31 00

CALVES RETURNED TO FARM — Bulk 90-110 lbs 35 00-48.00, with Holstein heifers 50 00 55 00.

HOGS — Barrows and Gilts strong to 25 higher.

BARROWS AND GILTS — US 1 205-235 lbs 19.00-19.25; US 1-2 200-235 lbs 18.60-19.00, US 2-3 195-245 lbs 18.10-18 60, US 2 170-195 lbs 17 00-18 00

SHEEP — Market not reported

Fat Hogs and Feeder Pig Sale
Saturday, March 6

HOGS 797 Barrows & Gilts 75c to $1 higher US No. 1-2 210-240 lbs 19 75-20 25 US No 2-3 210-240 lbs 19 25-19 50 US No 2-4 185-250 lbs 18 75-19.25 US No 3-4 270-290 lbs 16.50-18 25 Few US No 2-4 180-190 lbs 18 35-18 75.

Sows. US No 1-3 300-500 lbs 11 00-14 50.

Boars 10 00-13 00

New Holland Horse Auction

Monday, March 8

Reported receipts of 239 head; market stronger on riding horses

Mules, single, 150-450.

Riding horses, 130-250

Driving horses, 175-350

Mare ponies, 20 40; geldings, 15-35; killers, 7-10.

New Holland Auction

Thursday, March 11

	Cattle	Calves	Sheep
Today	1058	449	2
Last wk	553	106	0
Last yr	885	330	19

CATTLE Compared to last Thursday, Slaughter Steers 25-50 lower, Cows steady to 50 lower, most decline on Canner and Cutter, Bulls active, fully steady with Utility and Commercial 50-1 00 higher. Supply included 34 percent Cows and 14 percent Bulls.

SLAUGHTER STEERS: Few high-Choice and Prime 1050-1300 lbs. 33.60-34.75; Choice 950-1350 lbs 31.50-33.85; high-Good and low-Choice 30.00-32 00; Good 28 00-31.00, Standard and low-Good 24 75-27.85.

COWS Utility and high-dressing Cutter 22.00-23.75, few 24 00-24 50, Cutter 20.50-22.75; Canner and low-Cutter 18.75-21 00

BULLS — Choice 29.00-30.75, few 31 00-31 75, Good 27.00-29.25, Utility and Commercial 27.25-30.75, few 30 75-32.00, with eight head 32 50-33.25; Cutter and low-Cutter 24 00-27.00.

VEAL CALVES Vealers 3.00 5 00 lower than last week's sharp advance

VEALERS Choice 54.00-57.50, Good 50 00-55 00; Standard 43 00-51 00, Utility 34 00-42 00; Cull 25-32 00.

CALVES RETURN TO FARM: Bulk 90-115 lbs. 34 00-41 00, with several Holstein Heifers 40 00-45.00.

SHEEP No market test.

Monday, March 8

Hog Receipts 1038. Market 75c higher Retail 19.50-21; Wholesale 2s 3s 4s 19-19.50; Heavyweights 18-19; Sows 12-15; Boars 12-13

Monday, March 8

Calf Receipts 217. Market steady to $1.00 higher. Choice and Prime 52 60, Standard 40.50-46 50, Good and Low Choice 47-51 50; Common 25-40.

Monday, March 8

Thirty-nine loads of hay and straw, and 1 load of corn sold as follows Alfalfa 34 50-50.; Timothy 37.00,. Mixed Hay 24-44 50, Straw 40-43 50; Corn 43.50.

Cowan to Speak

Everett Cowan, New Holland Division of Sperry Rand field test engineer, will give a slide presentation on "Agriculture in Africa" at 8 p.m Wednesday (March 17) at Kinzer Equipment Co, Kinzer

Cowan's illustrated talk is a highlight of Kinzer Equipment's annual open house which runs from 10 a.m. to 10 p m Refreshments will be served

AUCTIONS makes the difference in marketing livestock!

New Holland makes the difference in auctions!

MONDAY 10 30 A M — FAT HOGS and SHOATS
2 30 P M — FAT STEERS, BULLS, COWS & VEAL

HORSE SALE — MONDAY at 10:00 A.M.

DAIRY SALE — WEDNESDAY at 12 30 P.M.

FAT STEERS, BULLS, COWS & VEAL — THURSDAY at 12:30 P.M.

NEW HOLLAND SALES STABLES INC.
New Holland, Penna
Abram W Diffenbach, Manager Phone. 717-354-2194

VINTAGE SALES STABLES, Inc.
PARADISE, PENNA.

BULLS, STEERS, BUTCHER COWS,
HOGS, LAMBS AND VEAL CALVES
SOLD ON COMMISSION

SALE EVERY TUESDAY 12 NOON

FAT HOGS AND FEEDER PIG SALE
EVERY SATURDAY AT 9:00 A.M.

For Marketing Information
Phone Area Code 717-442-4181

Box 100 Paradise, Pa.
10 mi East of Lancaster on Rt. 30
Kenneth E. Hershey, Sales Manager

Poultry Market Reports

Delmarva

Wednesday, March 10

Ready-to-cook movement continues spotty ranging light to occasionally good where attractive prices stimulated interest Advance interest fair to good at generally unchanged levels with this week's early commitments. Less than trucklot prices generally unchanged. Live supplies ample with weights often heavier than desired. Undertone steadier as offerings more confidently held than past several days. Negotiated trucklot prices 2-3 pound ready-to-cook broilers and fryers for delivery next week:

U.S. Grade A

Plant Grade 26½-27

Pool truckot prices for Thursday arrival in the New York area:

U S. Grade A 27½-29 M 28-29

Plant Grade 26½-27 M 26½-27

Special packs including 1¾-2, 3½ pound sizes TFEWR.

New York Eggs

Wednesday, March 10

Prices unchanged to fractionally lower on large; unchanged on other sizes. Street trading and placements into out of town points slow with numerous buyers taking a wait and see position pending additional market developments. Mediums irregularly distributed and clearing best where promotional activity outside of New York. Smalls and all browns ample Large and extra large whites are fully adequate to ample under moderate arrivals. Occasionally mixed load of large, extra large and jumbos sold as low as 31½ cents as distributors attempt to clear stock. Cartoning activity only fair with orders limited to immediate needs. Undertone barely steady on large, steady on mediums.

Fogelsville

Tuesday, March 9

(Prices paid dock weights, cents per lb, except where noted)

HENS, heavy type 10-21½, mostly 12-15; PULLETS 17-34, M 27-31½, ROASTERS 14-31, M 28-31; DUCKS 19-40, M 19-27; DRAKES 12-36, M 34-36; GEESE 27-35½, M 35½; RABBITS 22½-61, M 35-42; GUINEAS 88½-94½; PIGEONS (per pair) 1 20-3 65, M 1 20-1.40 TOTAL COOPS SOLD 336.

New Holland Dairy Cattle

Wednesday, March 10

Reported receipts of 155 head of cattle, 3 heifers, 10 bulls, market lower than last week

Load Canadian cows, fresh, 425-600, springers, 400-485

Two loads Canadian cows, fresh, 370-670; springers, 425-600

Load Canadian and Wisconsin cows, fresh, 435-500, springers, 335-550

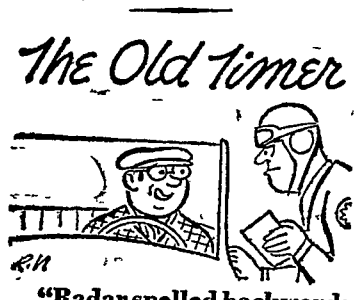
Load Vermont and New York state cows, fresh, 425-540, springers, 410-475.

Local cows, mostly fresh, 275-460.

Guernseys, 210-290.

Heifers, 215-235.

Bulls, 245-360.



"Radar spelled backwards is radar; they get you coming or going!"

Eastern Pa. and N. J.

Wednesday, March 10

Prices unchanged on light type hens through occasional unconfirmed prices indicated slightly higher Demand good for barely adequate to short offerings as producers continue to hold flocks for production prior to Easter Advance offerings for April pick up often heavy Offerings for heavy hens barely adequate for a fair demand Prices paid At Farm Light type hens 4½-7 mostly in Pennsylvania mostly 6-7 in New Jersey Heavy type hens. TFEWR

Green Dragon Dairy Cattle

Friday, March 5

The Green Dragon market reported receipts of 128 head of good quality cattle, average attendance, with prices steady

Consignments included

Load of Canadian cows and heifers, fresh, 330 00 485 00, springers, 333 00-430 00, first calf heifers, 325-420 00

Load of Canadian springers, 380 00-495.00.

Load of Canadian springers, 325 00-575 00, one purebred, 625 00.

Fall bred heifers, 330 00

Small heifers, 90 00-195 00

ASCS Office Open Saturdays

Lancaster County ASCS office at the Farm and Home Center will be open on two Saturday mornings for the convenience of farmers interested in signing up for the 1971 Wheat and Feed Grain program

In addition to the regular office hours from 8 a.m. to 4:30 p m. Monday through Friday, the office at the Farm and Home Center will be open Saturday from 8 a m to 11 a m March 20 and 27.

So far, 112 farmers have enrolled in the wheat program and 99 in the feed grain program Farmers must sign up by April 9.

Weekly UEP Egg Market

Prices to the Producer

Tuesday, March 9 and Thursday, March 11

Region	Large		Medium		Small	
Northeast	34	34	28½	30	25½	26
Northwest	31	29	26	25	12	14
Central West	29	27	24	23	13	15
Southwest	28	26	23	21	12	12
Midwest	30	30	26	26½	18	19
Southeast	32	32	26½	27	24	24½
National Average	31½	31	26½	27	20½	21½

Weekly New York Egg Mkt.

From Monday, March 8th to Friday, March 12th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	36½	35½	35½	35½	35½
Large	35½	34½	34½	34½	34½
Mediums	31½	32	32	32	32
Pullets	28	28	28	27	25
Peewees	21	21	21	21	20
BROWN					
Fcy Large	35½	35½	35½	35½	37½
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	31	31	31	31	31
Checks	19½	19½	19½	19½	19½

Tone — Large whites generally ample Mediums usually in balance Pullets not clearing

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Chicago Cattle
Weekly Review

Monday - Wednesday

March 8 - 10

Compared last week's close, slaughter steers and heifers 50 to mostly 50 lower, cows and bulls unchanged.

Both slaughter steers and heifer prices declined Monday in face of slightly increased receipts and a curtailed demand. On Wednesday, with slaughter steer numbers reduced and the demand somewhat improved, slaughter steer prices registered an upturn which offset the earlier decline.

Receipts 73 percent slaughter steers, 25 percent heifers, balance mainly cows: overall finish of slaughter steers not as attractive as last week with 12 percent Prime and 70 percent Choice. This compared with 17 percent Prime and 25 percent Choice last week, and 14 percent Prime and 70 percent Choice last year. Heifers supply mainly High Good to Low Prime weighing 875-1050 lbs.

SLAUGHTER STEERS — On Wednesday Prime 1125-1350 lbs. Yield Grade 3 and 4 34 50 35 00, load 1254 lbs 35 25, high-Choice and Prime 1100-1350 lbs 33 50-34.50, Choice 975-1350 lbs. 32.-50-33 75; Mixed - Good and Choice 31 50-32 50; Good 28 00-31 50; Standard and low-Good 26.00-28.00.

SLAUGHTER HEIFERS — On Monday and Wednesday High - Choice and Prime 950-1050 lbs. yield grade 3 and 4 32 50-33 00, five loads at latter price; Choice 825-1025 lbs. yield grade 2 to 4, 31.25-32.-50; Mixed-Good and Choice 30.-25-31 25, Good 27 00-30 25.

COWS — Throughout the week Utility and Commercial 19 50-21.25; high-dressing Utility 21 50; Canner and Cutter 18 00-20 25.

BULLS — Utility and Commercial throughout the period 25 00-27 50.

U.S. Inspected Livestock Slaughter

For week ending Thursday, March 11

	Cattle	Hogs	Sheep
Week to date	457,000	1,446,000	147,000
Same period last wk	432,000	1,319,000	152,000
Same period last yr	457,000	1,196,000	151,000

Estimated daily livestock slaughter under Federal Inspection.

FUTURES TRADING

(Closing bids as of Thursday, March 11)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
March				32.65
April	31.70	17.65	2.95	30.90
May			3.29	30.65
June	30.95	19.75		31.70
July		21.30		
August	30.25	21.30		
September				38.20
October	29.70	21.07		
November			2.62	
December	29.65	21.75		
March '72			2.90	

Trend — Cattle are steady, Hogs are lower, Potatoes are higher and Eggs are higher.

a-asked b-bid n-nominal

Markets provided by Commodity Dept., Reynolds & Company

Say, all you Corn growers,

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Pollution Solutions Take Time

The environment and ecology movement is going to bring extensive changes in the next 10 to 20 years.

Exactly what the changes will be is still far from certain. But the potential exists for very broad and basic changes that will have a big impact on everyone.

Because the farmer works with and is responsible for a large share of the environment in the form of farmland, he is necessarily in the forefront of the environment movement.

This is necessarily leading to increased interest in proper control of erosion and animal waste and in proper use and control of pesticides.

Intensive Farming

As farming becomes more intensive, as farmers respond to rising costs by attempting to increase output per acre, the environmental problems grow.

More intensive farming involves greater use of herbicides, pesticides and fertilizers, as the farmer moves toward maximum control of the environment which determines output of his land.

More intensive farming also means more poultry, more cattle, more swine per farm and per acre. The increased numbers of poultry and livestock mean more animal waste.

The environmental problems which result from more intensive farming cannot be ignored by the farmer. To ignore the problems now and in the next few years is to invite serious and perhaps even insurmountable problems in the future.

The evidence of the past few years and the present and foreseeable trends indicate, we believe, that the environmental movement is serious and ongoing. To ignore it is to invite future disaster.

More Corn

The farmer who moves away from strip cropping in order to get more acres of corn and continuous corn may be moving in the direction of getting the maximum possible return from his land. But the increased erosion of his land from all-corn may be seriously depleting the long-term value of his land at the same time it is placing the farmer on a collision course with the environment movement.

To save his land and at the same time continue an all-corn program is possible on most farms. Conservation measures such as terraces and sod waterways can reduce erosion to a minimum. According to recent statements by Extension personnel, the greatest boon of no-till corn may prove to be its ability to cut erosion. Or the farmer may want to consider planting some of his land in another crop, such as alfalfa.

Through these and other measures, the farmer can practice intensive farming and still do his share to protect the environment.

Animal Waste

One of the most serious environmental problems resulting from the move to more intensive farming involves the whole area of animal waste. The odor problem plagues some farmers who have urban neighbors, but the most serious problem may be that of water run-off.

Rain water through feedlots or inadequate storage of poultry and animal waste can result in pollution of streams. While pollution from a few small farms may not be serious, pollution from hundreds of farms which are continually moving toward larger numbers of poultry and livestock can result in very serious pollution — unless farmers practice pollution control.

Solutions Lag

Recognizing the problem, however, is not the same thing as solving it.

In recent years, particularly in the last couple of years, big strides have been made toward finding new and better ways of maintaining high farm yields while preserving the environment.

But the need for environmental control still far outpaces the know-how and the hardware with which to achieve it. This will remain true for some time, possibly for several years.

While some practices, such as terraces and sod waterways, have been proven, local officials report difficulty in getting manpower and equipment to install present inadequate levels of these measures.

No-till as a farm practice and a conservation measure is still in its infancy and should be considered experimental at this point.

Environmentalists talk knowingly about replacing chemicals with natural means of pest control. But there are cost problems, not enough is known, and in most instances this technique simply can't compete in terms of cost and efficiency.

Recycling

Recycling is attracting much greater attention recently than ever before. Potentially the best and most efficient means of eliminating the animal waste — and urban and industrial waste, as well — is simply to use the material over and over, it is becoming recognized.

But the know-how to recycle is still not developed. When the know-how is available, it will take large sums of money and much time to put it into use.

This does not include possible problems with public acceptance. It may be technically and financially possible to solve the waste problem through recycling long before it is socially acceptable.

When the farmer recognizes his pollution problems, it is only the beginning. It will take time and money to solve these problems.

In the rapidly changing farm scene, farmers have gotten used to the necessity of making financial investments in order to remain competitive. They can be counted on to make the necessary financial commitment to environmental control.

The multi-billion dollar farm program has become increasingly unpopular largely because of its high cost. But the cost of unsound environmental policies in terms of higher food costs could become many times greater.

No Fast Solutions

But there are those who do not want to give the farmer the time he needs to make the adjustments.

There are those who forget that their bread and milk and meat come from the farm. They ignore the possible impact of hasty and unwise environmental controls in reducing the quantity and quality of their food, while increasing its cost.

Haste makes waste. The potential for waste through hasty and emotional solutions to our environmental problems is great.

While recognizing that we do have problems and while moving toward immediate reductions of these problems, we must all recognize that the environment and ecology movement springs from long-standing abuses.

For the movement to be really successful, we must give our vast technical and educational system time to work. We must view a clean environment as a goal of the next 10 to 20 years.

This may seem like a long time for the new generation. But, as youths will find and as their elders already know, a decade or two is all too short for those who are busy meeting the challenges of their day.

LANCASTER FARMING
Lancaster County's Own Farm Weekly
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NOW IS THE TIME . . .

By Max Smith
Lancaster County Agent

To Put Leases In Writing

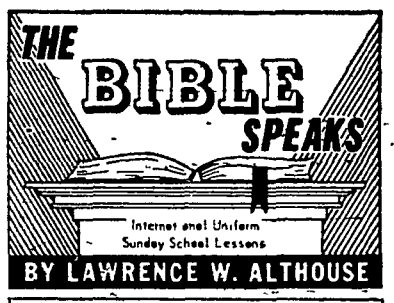
Many tenant farmers will be moving to new farms about April 1. We hope that the majority of the agreements have been put in writing and all parties concerned got a copy. We realize that a written lease may not make an honest man out of one who wants to deal unfairly; however, with the agreement in writing there is less chance of misunderstanding and failure to perform as agreed. Put it down in writing for best results.

To Topdress Winter Wheat

Wheat growers who are interested in maximum yields of wheat and straw may want to topdress with nitrogen this spring as soon as vegetative growth starts. The rate will vary from 25 to 60 pounds of actual nitrogen per acre depending upon the fertility of the soil and whether or not the area is seeded down to alfalfa or clover. Soils that leach rapidly such as sand, shale, or gravel will need the heavier applications; broadcast the minumum amount on fields to be seeded down to a legume.

To Fertilize Pastures

Livestock producers that have some permanent pasture will increase the grazing capacity by applying fertilizer early in the spring. On permanent bluegrass —white clover mixtures a complete fertilizer such as 10-10-10 would be suggested. On straight grass pastures such as orchardgrass, or other grass mixtures, only nitrogen may be used to give quick growth. Some producers will treat only a part of the area with nitrogen during late March or early April so that area will grow more rapidly and then the herd or flock can be turned out earlier in the spring. A complete soil test will reveal the real needs of the pasture area.



HAVE YOU 'HAD IT!'?

Lesson for March 14, 1971

Background Scripture: Matthew 6.9-15; 18:21-35.
Devotional Reading: Matthew 6-5-15.

"Karl," said his mother softly, "Alec is downstairs—he wants to see you."

In the same low voice Karl replied: "Just tell him I don't want to see him, Mother."

"Oh, Karl, you can't send him away like that." His mother's voice was both sympathetic and persuasive. "I know he made you angry—and I can understand how you felt: it was a careless thing to do —but he's here to apoligize; he wants to tell you he's sorry."

Rev. Althouse

"Sorry!" Karl exploded. "he's always sorry afterwards. He was sorry after he lost my homework paper before Christmas and I got an 'F' on that project. He was sorry last week after he passed me a note in history class and I got detention. But today he borrows my transistor radio and leaves it on the bus and now he's sorry again." Karl's voice now was loud but he didn't care: "I'm sorry, Mother, but I've 'had it' with his being sorry!"

How many times?

There was silence for a few moments until his mother said evenly: "Karl, how many times have you said 'I'm sorry' to your father or to me? How many times have you asked us to accept your apologies? What did you say on Saturday night when you got home an hour late for supper? And what words did you use two weeks ago when you put that long scratch in the fender? Are we supposed to count your apologies and call a halt when we reach a certain number?"

He stared at her and she stared back. There was no need for him to make the obvious answer. Nodding his head slightly, Karl got up and started downstairs.

How many times are we supposed to forgive someone? Once again, Jesus was being questioned about the limits of love. How far are we asked to go? The rabbis seemed agreed that three times was enough to meet God's requirement. Turning back to Amos, they had noted that the prophet seemed to use a certain recurrent formula:

Thus says the Lord: "For three transgressions of Damascus, and for four, I will not revoke the punishment; . . ." (Amos 1:3, 6, 9, ff.)

The rabbis thus reasoned that this meant God would forgive three transgressions, but not four. Thus they devised their rule: A man shall be forgiven three times. So when Peter offered to forgive his brother seven times (better than twice what the rabbis required), he evidently thought he was making a most generous offer.

Seventy times seven . . . and beyond!

How surprised he must have been then when Jesus answered, "I do not say to you seven times, but seventy times seven" (Matt. 18:22). Even if Peter was not able able to quickly multiply these two numbers in his head, he realized the magnitude of the answer.

Earlier in Matthew Jesus had said: "Blessed are the merciful, for they shall obtain mercy" (5:7). In the giving of the Lord's Prayer he had said: "Forgive us our debts as we also have forgiven our debtors" (6:14). In the parable he is saying the same thing: God will forgive our sins, but his forgivness is dependent upon our own willingness to forgive the relatively smaller transgressions against us by others. A Christian ought never to have "had it" when it comes to forgiveness!

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A. Released by Community Press Service.)

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Big Potential Found for Pollution Control and Quali'y Beef

Penn State Study Recycles Poultry Waste Through Steers

Animal nutritionists at Pennsylvania State University are using a method of pollution control to convert raw materials from poultry waste into a useful product—beef

The process converts nitrogen in poultry waste into meat protein nitrogen, according to Dr T. A Long and R C Croyle, associate professor and graduate assistant, respectively, in the department of animal science at Penn State.

All protein contains nitrogen, these scientists point out Successfully feeding poultry waste to cattle could mean that the million tons of poultry waste produced annually in Pennsylvania would have its pollution potential sharply reduced

When prepared for use in a cattle ration, poultry waste appears very similar to commonly used protein supplements, for example soybean meal

The raw waste is given a thorough heat treatment with steam or dry heat.

Finally, the waste is ground to a small particle size for mixing into the ration as a nutrient source

As a cattle feed, processed poultry waste has been found to equal conventional sources of nitrogen Rates of gain and feed efficiencies for steers fed poultry waste are similar to those produced by feeding soybean meal or urea

At Penn State, carcasses of similar quality were produced from diets containing poultry waste, urea, or soybean meal, Dr Long said

A taste panel found that steaks fed poultry waste were equally acceptable as compared to steaks from steers fed urea or soybean meal supplement

Specifically, steer carcasses were similar in conformation, marbling, backfat, color of fat, and USDA grade, loin-eye area, per cent cutability, and tenderness

The next step will be to determine conclusively that the poultry waste is sterile and, when eaten, will not cause an accumulation of drugs in the animal's tissues.

Dr Long and Mr. Croyle said preliminary experimental results indicate that feeding poultry waste does not add significant amounts of residual chemicals to the carcass.

They further point out that studies of the recycling of agricultural wastes are being expanded by the Agricultural Experiment Station at Penn State.

● Farm Calendar

(Continued from Page 1)

Thursday, March 18

9 30 a m -4 p m — Franklin County cattle feeders to tour Lancaster County

7 15 p.m — Elizabethtown 4-H Pig and Rabbit Club reorganization meeting, Elizabethtown Trust Company Building

7 30 p m —Tevoca FFA Chapter (Brownstown Vo-Tech) first annual banquet, Brownstown Vo-Tech school

7 30 p m. — Manheim Young Farmers Farm Records and Budgeting Course, Manheim Senior High School

7 30 p m —Farm Management meeting on Wills, Estates and Farm Transfer Arrangements, Farm and Home Center

8 p m —4-H Guernsey Club organizational meeting, Raymond F Witmer home, Willow Street RD1

Friday, March 19

6 30 p m — Lancaster County Swine Producers annual banquet, Blue Ball Fire Hall

Saturday, March 20

1 p m —Trail ride, Broken Bit 4 H Horse and Pony Club, home of Mr and Mrs Charles Risser

State Grange Regional Institute, Topton, Berks County.

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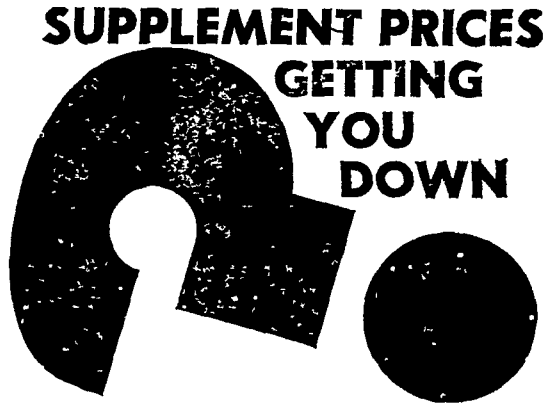

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Environmental Priorities Are Upset, Speaker Warns

"In the United States this year, there will be about 1,500 deaths from aspirin alone, but only 200 from all pesticides combined" J K Leasure, chairman of the Department of Plant Industry at Southern Illinois University, Carbondale, Ill, told delegates to the Weed Science Society of America (WSSA) meeting in Dallas, Texas, in February that such examples illustrate that priorities in the "movement for a better environment" are upset

Leasure warned that the fine balance between needed food production methods and measure to "clean up" the environment may be tipped if further studies are not done.

The new ecology movement is not based entirely on solid facts, Leasure told the group

The WSSA is mainly concerned with agricultural chemicals — their use, misuse and legislation against their use Leasure asked that WSSA members be ready and willing to tell the facts when the occasion arises

"To protect agriculture, we'd better start turning out our own agro-activists," he suggested

Leasure used Illinois to illustrate the need for more facts by pointing out that the Illinois Environmental Protection Act of 1970 puts the burden of proof of non-pollution on the accused.

He said it is necessary to answer such questions as 'How much are we polluting the air when we spray?" and "How much of our spray actually stays in the target area?".

However, he warned 'In addition to finding answers to questions about whether or not agricultural practices really do contribute to air and water pollution, we must squarely face the fact that some of our practices do pollute And we must look for ways to solve these problems"

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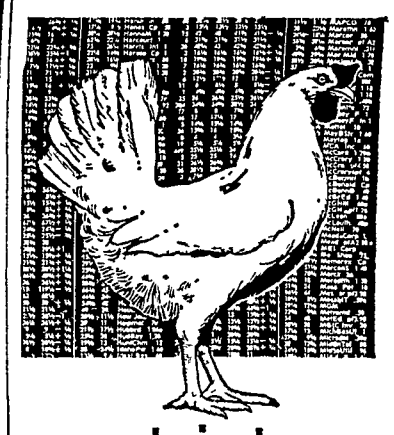

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Solanco FFA Chapter Holds Annual Parent and Son Banquet

Dr. Curtis L. Rohm, Solanco School District superintendent, received the Honorary Chapter Farmer Degree at the annual Solanco FFA Chapter Parent and Son Banquet at Solanco High School Thursday night.

Many chapter members also were honored for progress in the FFA and in their farming programs.

The Star Greenhand award for the outstanding first year FFA member went to Randy Clark, whose program included two dairy heifers and tobacco

William Hershey, a sophomore, received the Star Chapter Farmer Award. His program includes dairy heifers, feeder steers, field crops and squash

The Star Red Rose Farmer award went to Adolph Bensinger, whose program centers around work on a neighboring farm.

The Henry N Wenger Award, presented by a local insurance firm, was awarded to David Byers. This award goes to the senior boy who has made the best use of the agricultural opportunities available to him. His program includes a beef animal and work off the farm.

Ray Brubaker, a junior, received awards for his outstanding work with corn. He had the highest yield in the state in the one acre, maturity group four. He had 219 bushels The award was from the Pioneer Seed Company.

Scott Mull was second in corn with 152 bushels and Carl D. Kreider was third.

Receiving the DeKalb Award, which is limited to seniors, was Larry Myers This is based on overall management of corn

The Farm Women Society 20 award to an outstanding senior went to Clifford Holloway III

Foundation awards in specific farming categories were as follows:

Rodney Unger, farm mechanics; Charles Stoner, placement in agricultural production; Wayne Reynolds, farm safety; Clyde Dearolf, livestock production; Roger Campbell, natural resource development; David Aument, soil, air and water management.

Receiving recognition as gold

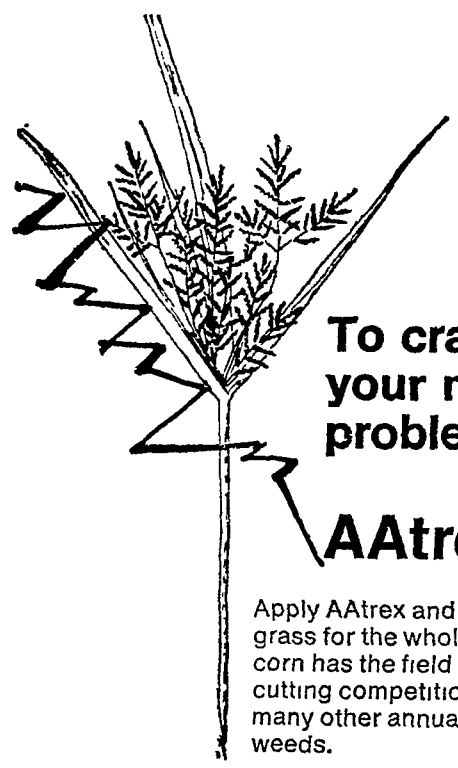
(Continued on Page 10)

Dr. Curtis L. Rohm, Solanco School District superintendent, accepts congratulations after receiving the Honorary Chapter Farmer Degree at the annual Solanco FFA Chapter Parent and Son Banquet Thursday night. Congratulating him is Scott Kreider, chapter president, and master of ceremonies. Larry Myers, chapter sentinel, looks on.

David Byers receives the award from Henry N. Wenger, local insurance agent, for the Solanco Senior FFA boy who has made the best use of the agricultural opportunities available to him.

Jerry Shaffer of PP&L congratulates Jim Huber for receiving the American Farmer Degree. Looking on is Solanco's other American Farmer, Preston LeFevre Jr. Shaffer noted that only one in 1,000 FFA members are eligible for this honor and that the two men represent about half of all the American Farmers he has seen in nine years of working with FFA organizations.

Ray Brubaker, right, a junior, receives the Pioneer Award for his outstanding work with corn. He had 219 bushels, the highest yield in the state last year in the one acre, maturity group four contest. Presenting the award is Arba Henry, FFA advisor. Larry Myers, left, received the DeKalb Award to the senior with the best overall corn management program.



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Importance of Balanced Ration Is Stressed at Dairy Day

More than 300 persons attended the annual Dairy Day at the Farm and Home Center Tuesday.

Talks ranged from projections on the future of the dairy industry to discussions of dairying problems and how to solve them.

Richard S. Adams, Penn State Extension dairy specialist, spoke on "Dairy Cattle Feeding for Efficient Production."

Adams stressed the importance of balanced rations which contain all the elements and nutrients needed for optimum performance and health.

He emphasized that good rations can be achieved using many different kinds of combinations of hay, corn, grain, and supplements. The important thing, he explained, is to make sure that the feed contains the proper balance of such basics as energy, protein, and vitamins

He said he has found that herds often have problems using rations built around a high level of grasses.

Such rations often have very low levels of protein and not enough digestible fiber This does not allow the cow's rumen to work properly.

He also pointed out that some dairymen have serious problems using a ration built almost exclusively around corn silage One herd of Holsteins, given all the corn silage the animals could eat, was producing less than 10,000 pounds of milk. The cows were "hog-fat" because the ration had high energy but low protein levels.

He cited another example of a dairyman who ran into serious trouble with a lot of "downer" cows with a ration which included no vitamin or mineral supplements during a two year period.

Adams stated that many dairymen with good quality forage get better results than some dairymen who use a combination of forage and grain. The secret is in the quality and content of the feeds and in providing the proper combinations to get a balanced diet, Adams emphasized.

He also noted that sometimes a farmer can get by for anywhere from two months to two years without serious consequences when he feeds an inferior ration to his animals How long he can get by depends on the condition of the animal, and the extent to which the ration is deficient.

But when the ration is deficient, "the cow is robbing from her own system" to make up for the deficiency and sooner or later the deficiency will show up in the form of decreased production and health problems, Adams explained.

In arriving at a balanced ration, Adams suggested that the forage should provide 40 to 50 per cent or more of the dry matter and 75 per cent of the energy Grain feeding, he said, should be the "balancer"

He recommended that the farmer use forage at whatever level his farm operation allows and to add whatever amount of grain is necessary to balance the ration

He emphasized that grain in itself is insufficient without necessary additions

The farmer should think in terms of a total ration which includes 12 to 14 per cent of crude protein, 16 to 20 per cent of crude fiber, 65 per cent or more of digestibility, about 35 per cent of carbohydrates, one to two per cent of non-protein nitrogen and smaller amounts of calcium, phosphorus, magnesium, and vitamins A, B and E

Adams noted that it's difficult to achieve the proper balance but he emphasized that efficient herd management requires constant effort to achieve the best possible ration.

He said forage analysis and mineral analysis of the farmer's feed can be a valuable tool in setting him on the right path toward a quality feeding program

In feeding minerals, he said, a free choice supply is not always adequate because some animals do not eat their minimum requirements A small amount in the feed is also necessary, he said.

The Pollution Issue

He suggested that farmers give the various feed firms a chance to assist by recommending a complete feeding system

A Roger Grout, Penn State Extension agricultural engineer, spoke on "Waste Disposal and Pollution" Grout noted the national trend toward a greater emphasis on environmental control

In particular, he pointed out the new environmental protection agency in Washington and the renaming of the ACP program to REAP, a change not only in name but in emphasis, he said.

Grout also said that the new trend toward environmental protection has exceeded new knowledge on the means of solving pollution problems.

But he noted that research is underway to find the answers

Penn State has been working with equipment which puts manure in liquid form directly into the soil and covers it in one operation

Noting that farmers have been "recycling manure through the soil for many years," he predicted that "a lot more research will be done on how to get rid of wastes without disturbing the neighbors"

Good Management Factors

"Herd Management in the 70s" was the topic of Donald L. Ace Extension dairy specialist, who told dairymen that "man's ability to manage" was the single most important factor in successful dairy operations

Dairymen, he said, should be concerned with

—Too much overhead, a factor that takes the profit out of the milk sale

—Too many purchases for the herd size and production level. Too much hired help, for example.

—Reasons for change Make a change if it will improve operations, he said, but don't change unless there is a good reason.

—Using management tools such as records of feed costs, milk production, cow selection, sire analysis These tools, he said, can make the difference in operations.

—Direction of the dairy operation Is a farmer concerned only with marketing milk, or does he want to sell both milk and animals?

—Liking his dairy operation. He said that no matter how modern an operation, if the farmer doesn't like it, he won't be able to do a good job with it

—Systems management, or integrating various operations so that they work at peak efficiency

Cost Squeeze Projected

William F Johnstone, Penn State agricultural economist, predicted dairy costs will rise faster in the 1970's than will prices received for milk, leading to a lower net income for dairymen

He also predicted increased production through 1972 based on factors such as increased availability of labor, a slowdown in the culling rate and increased production per cow

He did foresee a possible increase in 1971 in the federal price support level for Class I milk Under federal law, milk parity is set between 75 and 90 per cent, the present price of $4 66 per hundredweight is about 77 per cent of parity

But he projected a slowing of the rate of price increases, indicating an increase in 1971 of less than the 15 to 20 cents in 1970

Dairymen also can expect the 1970's to bring greater involvement in public issues, such as milk promotion, Class I base price and state milk control, according to Johnstone

Master of ceremonies of Dairy Day was Donald S Eby, president of the Red Rose Dairy Herd Improvement Association (DHIA).

Many local dairy equipment dealers and suppliers had exhibits and displays for inspection by farmers

Dairy Day was conducted by the Lancaster County Agricultural Extension Service in cooperation with the Milk Distributors, Milk Marketing Cooperatives and Dairy Breed Associations.

The flag swings free and members of the family of the late Victor Plastow hoist it to the top of the flagpole. The flagpole was dedicated to the memory of Plastow during ceremonies at the Farm and Home Center Tuesday afternoon in conjunction with Dairy Day. Placing the flag is Mrs. Victor Plastow, left, and daughter, Mrs. Thomas Warner of Centre County. Max Smith, Lancaster County agricultural agent, assists.

Milk Leukocyte Count Cited As a Herd Management Issue

Dr. Samuel B. Guss, Penn State Extension veterinarian, spoke at Dairy Day Tuesday on the importance of good herd management practices to maintain a low leukocyte count in milk.

Leukocytes are white blood cells which resist infection and serve as the udder's first line of defense against injury. When the leukocyte count rises, the normal good taste of milk suffers, it was explained.

Dr. Guss emphasized that the responsibility for a high leukocyte count always rests with the herd owner and it is up to him to correct the situation. He urged owners to make continual checks of their milk to make sure that the count remains low. Corrective actions should be taken immediately as soon as the count begins to rise; farmers should not wait until after the problem already exists, he emphasized.

The goal of every herd owner should be negative milk or milk which has a leukocyte count under 500,000. When the count reaches 1,500,000, the point at which it is rejected at considerable financial loss to the dairyman, the problem has already gotten out of control, Dr. Guss emphasized.

He explained that a high leukocyte count, even when the rejected milk is not considered, is extremely costly to dairymen, because the factors leading to the high count result in a loss of milk production of anywhere from five to 25 per cent or more depending on the seriousness of the situation with each animal and the extent to which all the animals in the herd are involved.

He noted that procedures used in milking the herd are extremely important in determining leukocyte counts Abnormal milk herds "without exception take over eight minutes to milk" Milking should take five minutes or less, even with 16,000 pound herds, according to Dr. Guss

He emphasized that the level of vacuum in milking is extremely important Cows can be ruined with "either too much or too little," he said.

He also emphasized that by the time a herd reaches the point of a 1,500,000 leukocyte count, at least 60 per cent of the quarters of the cows in the herd are giving unsatisfactory milk

"It ought to be every dairyman's goal to have negative milk (less than a 500,000 count) on the California test or know the reason why," Dr. Guss said.

Dr Guss also noted that the present so-called abnormal milk program is basically a penalty system because producers with more than a 1,500,000 count are penalized He said he thinks a positive program of rewarding "the good producers" would be more successful

In discussing the types of treatment used to maintain a low count, Dr Guss emphasized that the wrong type of treatment can be worse than no treatment at all

If the cow kicks at you while being treated with a dip, it means teat ends are sore and probably the wrong material or wrong method is being used for treatment Improper treatment can "ruin the herd in five days," according to Dr Guss

He also noted that the dipping does "no good in less than six months and if you miss one milking, you have to start the six months all over."

He emphasized the importance of working with and getting materials through reputable dealers

He noted that some kinds of udder injections have been found to contain yeasts that cause mastitis

Also, the leukocyte count normally rises near the end of the lactation This helps explain why one herd that had several cows with a 450 day lactation had problems, he noted.

Normal good herd management practices and prompt corrective action as soon as the count moves above the 500,000 level will eliminate this management problem, according to Dr. Guss.

McHale Speaks at Quarryville

James McHale, new Pennsylvania secretary of agriculture, discussed farm programs and ideas of the new state administration at the annual banquet of the Lanchester Local, National Farmers Union at Quarryville Thursday night

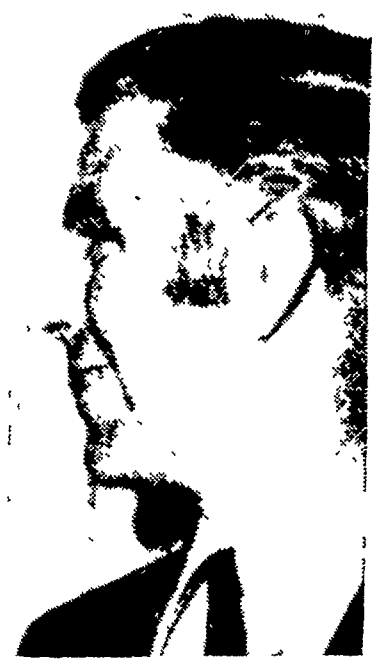
McHale stressed the need for more funds for agricultural programs, including such things as aid to small meat processors who face difficulties because of the new meat inspection laws, research programs, particularly in areas of marketing and promotion, and for providing constructive jobs for elderly citizens with low incomes

In particular, Shapp mentioned that he hopes to transfer $520,000 from the Department of Community Affairs to the Department of Agriculture for use in rural programs He said the fair fund is being eyed with a view toward some changes in use of the funds

He also said his department will work to help farmers obtain tax relief on their land

"The land should be taxed by its productivity, not its potential use," McHale said

McHale said he will "take the responsibility of the leadership for the rural people" and a key emphasis will be on seeing that rural residents benefit from the ag department's work In the past he said, most of the work of the agricultural department has been in the direction of the consumer.



James McHale
Ag Secretary Speaks

He also spoke on milk marketing and said reported kickbacks and other questionable actions on marketing will be investigated "The governor wants information on the situation before he makes any decision to change the system," McHale said

Edison W Osborne, who helped direct the Shapp election campaign in Lancaster County, explained Friday that while the new administration is well along in identifying the particular areas of its concern, the actual programs are still being developed.

Management Meeting

Due to stormy weather, the farm management meeting scheduled for March 4 dealing with "Legal Problems with Wills, Estates and Taxes" has been rescheduled for 7 30 p m March 18 in the Farm and Home Center

This will be part of the regularly scheduled meeting on "Farm Transfer Arrangements."

Carl Hallgren, Lancaster attorney, will discuss the legal aspect and Fred Hughes, head of the Penn State Farm Management Department will deal with methods of farm transfer such as partnerships, contracts and installment sales

Friends Help Barleys

Friends of the Harold Barleys last Saturday raised about $700 to benefit the family, including six children

Harold Barley is the 32-year-old Millersville RD1 farmer who was paralyzed from the chest down since being injured in a fall while working in his father's tobacco barn last August.

'We're going to try to keep the farm, at least for another year," said Mrs Barley She said there's some hope her husband may recover

Role of Marek's

(Continued from Page 1)

ease from developing in the early and critical growth stages, it was explained

It was emphasized that the started pullet is the key to a healthy and good producing flock. If Marek's can be kept from these pullets as they grow, the potential for a much more vigorous bird is possible from the day old bird all the way through to maturity.

Increasing pressure on profit margins in the poultry industry makes the increased efficiency from better disease control methods necessary, it was noted.

Robert Bucher, head of the agricultural department for Commonwealth National Bank, spoke on the importance of good money management.

He stressed that the farmer's investments in production facilities will be three times greater by 1980 than today. This requires increasing emphasis on sharper management and sound records, current financial statements for borrowing, statements on income and expense for at least three years.

A cash flow chart to show their income and expenses will also be important, Bucher said.

Jay W Irwin, associate Lancaster County agricultural agent, conducted the meeting.

The Solanco FFA members who received the Star Awards at the banquet Thursday night are: left to right, Adolph Bensinger, Red Rose Star Farmer; William Hershey, Star Chapter Farmer, and Randy Clark, Star Greenhand Farmer. The Star awards recognize outstanding achievement at various levels of the agricultural program.

Solanco FFA Chapter Has Banquet

(Continued from Page 8)

medal winners in the state project record book contest were Scott Kreider, Clyde Dearolf, Larry Myers, and Carl D Kreider

Silver winners were Scott Mull, Adolph Bensinger, and Jay Hastings

Four chapter members who received Keystone Farmer Degrees were recognized as follows Scott Kreider, Roger Campbell, Carl D Kreider and Tom Huber

The chapter's two American Farmer Degree men were also recognized They are James Huber and Preston LeFevre Jr. The two were honored in October at the National FFA Convention in Kansas City

Special awards were presented to the six Keystone and American Farmer Degree winners by PP&L, represented by Jerry Shaffer

Scott Kreider, Solanco FFA president, was master of ceremonies Among those participating in the program were the three Solanco vo-ag teachers, Arba Henry, FFA advisor, Bill Fredd and Steve Leiser

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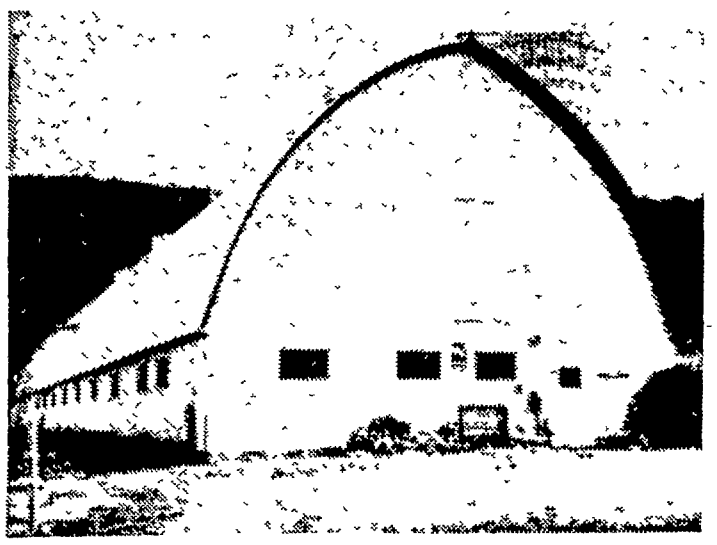

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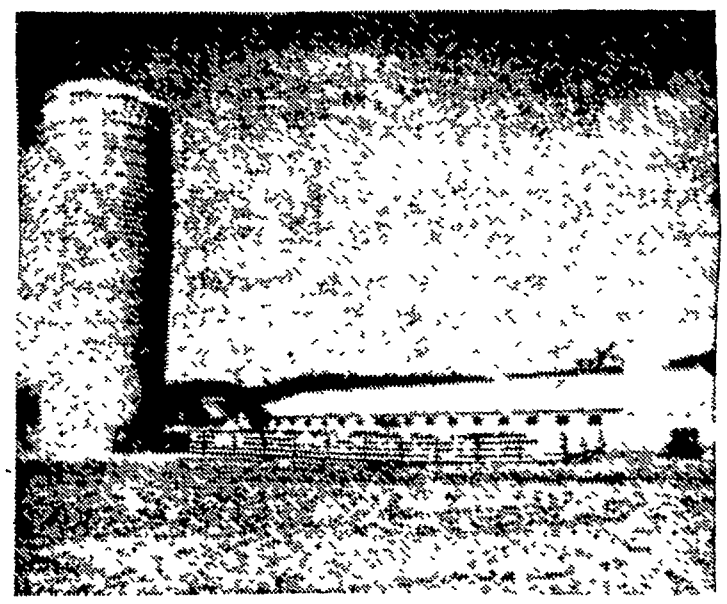

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Oat Seed Research Findings Reported

High quality, certified oat seed of the right variety for a specific farm can mean 20 or more bushels per acre than possible with homegrown seed, according to Dr Guy W. McKee, professor of agronomy at Pennsylvania State University.

Twenty-four extra bushels was the yield difference between statewide trials of certified oats and all oats grown in Pennsylvania during a 15-year period, Dr. McKee says.

The average yield of all varieties in the demonstration trials was 65 5 bushels per acre over the 15 years In contrast, the average statewide yield of all oats was only 41 5 bushels per acre There were several years of below normal rainfall in the 15-year period.

As secretary of the Experiment Station Seed Committee in the College of Agriculture, Dr. McKee works closely with seed improvement programs.

He said high seed quality is indicated by germination ability and freedom from weed seeds Certified seed, or seed of equal quality bearing the brand tags of reliable seedsmen, is the best assurance of quality. The extra cost is repaid many times over in increased yield, he said.

Penn State recommends six varieties of spring oats for Pennsylvania farms They are Garry, Pennfield, Orbit, Russell, Clintford, and Jaycee.

For farmers wanting an early maturing variety with stiff straw, Clintford replaces Clinton 59 and the several Clintland selections.

Russell oats, while high yielding, tends to have more stalk breakage than the other recommended varieties.

In the 15-year period of analysis, the average yields per acre were: Russell, 75 8; Pennfield, 73 7; Orbit, 73 1; Garry, 69.2; and Clinton-Clintland types, 61 4.

Pennfield, Orbit, and Russell, released in recent years, were included only during the latter years of the test

Jaycee, newly recommended, was not in the trials but produces high yields.

Elmer C Pifer, former Extension agronomist now retired, conducted the 15-year trials.

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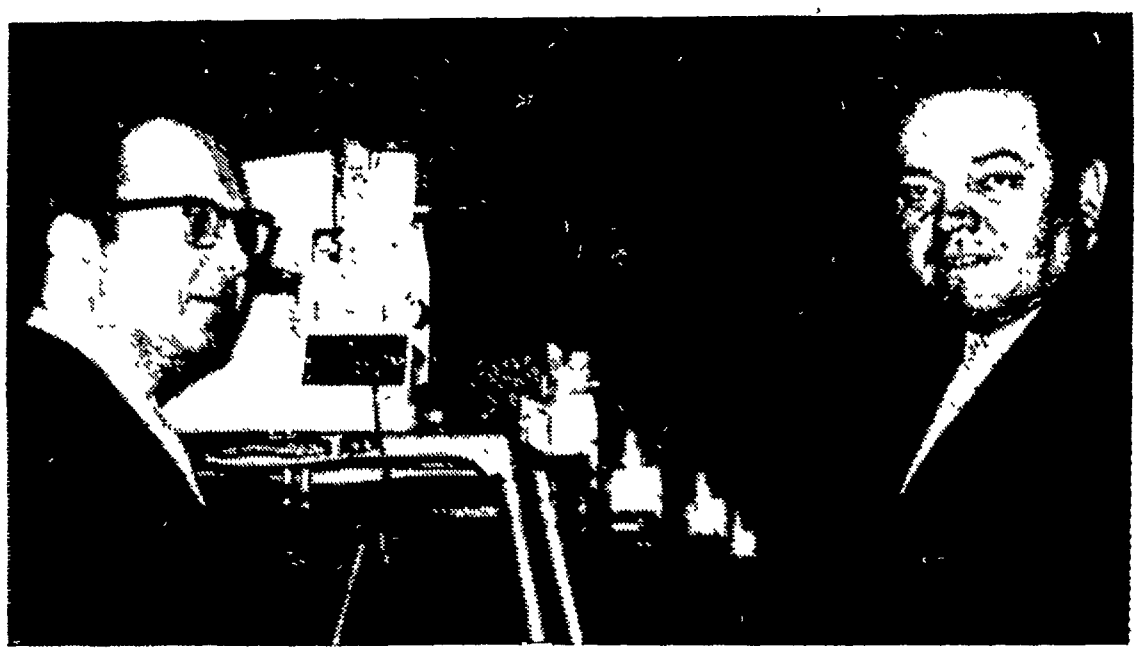
Purina Company Shows Swine Industry Promotional Film



Dr. Richard (Dick) Hollandbeck, product sales manager for Purina Company's Eastern region, left, makes final adjustments Tuesday morning for showing local farmers a film on swine production. Using a 30 foot screen, the show required five projectors. The projectors are shown in the background. Assisting is Warren Elfrank, Purina area director of operations for Pennsylvania.

A Purina Company meeting at Dutch Town and Country Inn Tuesday on swine production featured a highly publicized film on the swine industry.

Shown from five projectors with a synchronized picture on a single 30 foot screen, the film showed the history of the swine industry from the early settlers in this country in the 1600's to modern day swine production

According to Dr Richard (Dick) Hollandbeck, Purina product sales manager for swine in the eastern region, the film showed "some of the reasons you have for being proud of raising hogs."

Warren Elfrank, Purina area director of operations for Pennsylvania, said, "We think hogs represent a tremendous opportunity for this part of Pennsylvania" He noted that the cost of transporting hogs from the midwest where most of them are grown to the East costs about one dollar per hundred pounds.

The film emphasized that hogs have played a basic role in the development of the nation Pork was a mainstay in the diet of the early colonists at a time when procuring food was a major problem in the new land.

As the settlers moved westward, they took their hogs with them as a basic part of their livelihood.

In 1871, the great Chicago fire, one of the worst fires in history, led to banning farm animals from the cities and gave farmers exclusive responsibility for animal production.

During the depression of the 1930's, according to the film, hogs gained a reputation as "mortgage lifters" Being one of the few reliable sources of income for farmers during the depression, hogs saved many farmers from bankruptcy during the time when many farmers lost everything.

The film emphasized that hogs have "saved agriculture during virtually every crisis."

The film explained that the type of hogs needed and grown has changed drastically over the years.

Almost from the beginning of U.S. history, lard was a valuable product and production of fat hogs was emphasized. This culminated with World War II, when the lard from hogs was a valuable product in the war effort

But after World War II consumers didn't want fat so the swine industry began a major effort to change the type of hogs.

Finally in 1964-65, a severe price drop in the swine market resulted in a sell-off of most of the least desirable animals. The film described this as a major breakthrough for the industry and the beginning of the production of the modern meaty type hog in quantity. The consumer began to like pork again, according to the film.

As a result, hog production has sprung up in areas where tobacco, cotton, and wheat have been on the decline

The film noted that along with the trend toward the meaty type animals there has been a trend toward paying the producer on a grade and yield basis.

Some producers also are reported getting a premium for producing to meet the schedules of packers.

The housewife was also reported responding to the "new pork" by buying larger quantities of pork which is increasingly more digestible and nutritious.

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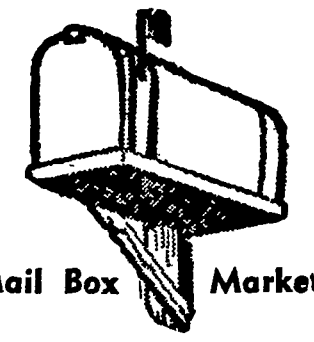

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For Sale — Two 275 Kerosene drums, 3 space heaters. Phone 768-8373.

For Sale—Necchi zig-zag sewing machine in treadle cabinet. $75.00. David Kilmer, Narvon R1, Pa. 17555, Phone 215-445-6937.

For Sale — #220X Letz plate mill grinder with bagger in excellent condition: 20 tons of green quality Timothy hay. Phone 717-867-2097.

For Sale — John Deere 2-row #246 corn planter $185.00. Phone 665-6482.

For Sale—John Deere #31 hay conditioner, good shape. Luke Weaver, R1, Womelsdorf, Pa., 19567 or call 589-2636.

Mail Box Market

For Sale — Super H Farmall with good paint and rubber, also second calf Holstein cow soon fresh Phone 927-6580

(Continued on page 14)

BARGAINS ON USED FARM EQUIPMENT

Farmall 706 Tractor, new engine
Farmall 460 Tractor, repainted
Farmall 300 Tractor with loader
154 Lo Boy with 60" Rotary Mower
Allis Chalmers HD 6 Crawler with loader
Super A Tractor with Plow
Farmall C Tractor with Cultivator and Planter
Farmall 140 Tractor, like new
Oliver 10 ft Wheel Controlled Disk Harrow
M.F 3 pt. Corn Planter
3 - I.H. 251 2 pt Corn Planters
8 - Trailing Disk Harrows
I.H. Spring Tooth Harrow
J.D. 2-F 3 pt Plow
I.H. 311 Plow
I.H. 411 4-F 16" Plow
I.H. 60 Trailer Plow
I.H. 35 Manure Spreader
New Holland Manure Spreader
J.D. 10 ft Fert. Distr.
I H Ensilage Cutter
M.F. Forage Blower
Gehl Forage Blower
Allis Chalmers Forage Blower
2 M HD Corn Picker
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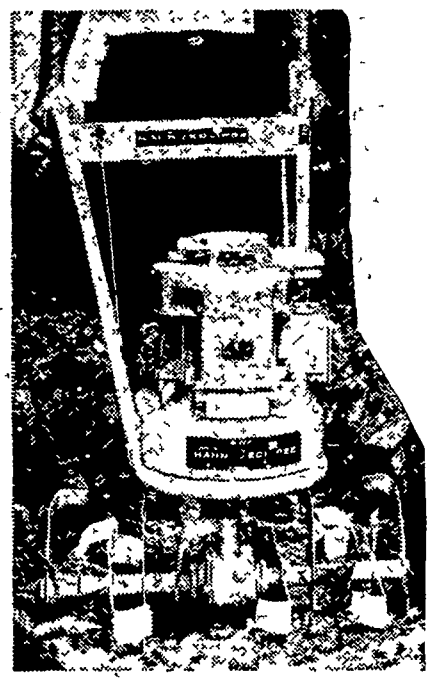
Papec Harvester

For The Best Buys In Used Equipment See

International Harvester Sales & Service
1054 S. State St., Ephrata
Phone 733-2283

CALL Elmer Beiler



HAHN-ECLIPSE POW-R-BOY® ROTARY TILLERS

With the purchase of a Cadet No. 60 Riding Mower you will receive FREE a fertilizer spreader or a cart

USED 7 H.P. CADET TRACTORS
New 2½ H.P. Briggs & Stratton ENGINES
SPECIAL AT $39.00
Other sizes in stock

CALL LEROY ZOOK for Lancaster Silos and Weaverline Feed Carts

CALL Bob or Les

On New, Used & Rental Tractors & Equipment

Used International Tractor 300
Used Ferguson 30 with Sauder Loader
Used 2 Bottom Rollover Oliver Plow

Myer Sprayer	$700.
Hardy Sprayer	$150.
Beam 500 Speed Sprayer	$3000.
New Idea Loader	$250.
Henderson Loader - Super "A"	$100.
New Holland Blower - "A-1"	$400.

211 and 311 Plows

CALL Dick Bomberger

CALL US! IT COULD BE WE HAVE IT.
SPRAYER HOSE 800 lb. p.s.i.
⅝ - ¾ - 1" & 2"
SPECIAL PRICE ON 1" HOSE
65c per ft.
50 or more feet 55c

I.H. PLOW SHARES
SPECIAL 10c
Per share off on 6 or more shares.

Heavy Duty and Regular Electric Extension Cords also Trouble Lights.

Special 5% Discount
On New Idea & International SPREADER WEBBS

CALL Henry Esh

For Sales — Service — Parts

- **New 7½ H.P. Slow Speed**
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- **Used 4 H.P. Lister**
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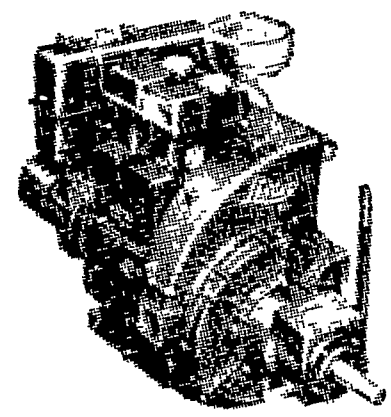
- **5 H.P. Petter**
- **New Listers with Lima Generators**

Area Distributor for Lister Diesel Engines



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BULK MILK TANKS

1 - 400 Gal. Stein Horst — N.Y. & Phila.
1 - 400 Gal. Esco Vacuum
1 - 300 Gal. Esco

Above tanks New York and Walker

New Sunset and Milkeeper Bulk Tanks
Kleenzade Automatic Bulk Tank Washers

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON

Intercourse, Penna. Phone 768-8231

Mail Box Market

(continued from Page 13)

For Sale — #36 New Holland Chopper. Phone 653-2466.

For Sale—Home grown clover seed, inspected 98 and 99.4% pure. $34 & $36. per bushel. Joe H. Zimmerman, RD1, Leola 17540 along Rt 772 close to Carpenter's Church.

FREE. Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.

Real Estate

LANDSCAPING BUSINESS

Going business with better than average return and good potential for growth. Located in Pa. Dutch Country. 6 room home in good condition plus other real estate. Tools and equipment in A-1 condition. Top quality nursery stock and goodwill—everything you need to make money now. Present owner wants to retire but will work with purchaser until he understands the business. Financing available.

Call or write
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Phone 717-866-4615

NOTICE

ATTENTION

Farmers
and
Youth Groups
Grow Butternut Squash
Consumer Packing Co.
Lancaster, Pa.
Phone 397-6141
Ask for Carl E. Guthridge

PUBLIC SALE

We are having our third reduction sale, Saturday, April 10, 1971. See issue of Saturday, March 20, 1971 for complete listing or contact us for the details. All items subject to prior sale. Terms to be announced the day of sale.

MILLER'S
Sales & Service, Inc.
Highway 851
Stewartstown, Pa.
York County's Progressive Dealer
Ph. 717-993-2470
John Deere - Brady
Brillion - Lely
Alouette and Grand Prix Snowmobiles
Electriac Electric Lawn & Garden Tractor
Argo ATV's All Terrain Vehicles

Auctions

SAT., MAR. 20
at 11:00 a.m.

Complete Line of Case Farm Machinery with 2 Case DC Tractors and Household Goods

WM. R. MacCUBBIN
At Galena, Md.

Harry Rudnick & Sons, Inc.
Auctioneers & Sales Managers

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WOOD SHAVINGS. Ideal for work-ways and bedding. $12 per ton. Can be delivered in bulk loads of 10-12 tons. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc Ph 717-656-6811.

Registered Border Collie Puppies, 7 weeks old Price $50 William M Kline, Elverson RD#1, Phone 215-286-5387.

Farms For Sale

PERRY CO. FARMS

243 Acres about 60 clear, balance in timber, borders state game land on south, log frame house, large block garage; excellent condition. $43,000.

5 Acres with 1½ story frame house with out buildings, good deer and small game hunting. Excellent for horses. A home away from home or all year-round living $12,900.

336 Mountain acreage with pond, good deer and small game hunting. $40,000.

223 Acres 150 tillable, 73 timber, 2 story dwelling, barn, milk house, butcher house. $59,000.

JACK GAUGHEN
Realtor
Glenn E. Smith, Agent
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On Rt. 274, Elliottsburg, Pa.

New York State Showplace Dairy Farm
475 Acres
Alfalfa Land

High state cultivation. Excellent buildings 200' main barn, 110 stanchions, 30 stanchion heifer barn, both barns have pens & stalls. Gutter cleaner, pipeline milker. 2 silos, 24x55 & 18x55 with unloaders. Bulk grainary, machinery storage, extra buildings. 110 Holstein cows, average age 5 years, made approx. 1,500,000 lbs. 1970. Large complete line farm machinery, like new condition, always under cover, diesel tractors & etc. Lovely 6 bedroom home, located approx. 75 miles north, Syracuse, in Mennonite area, rich dairy farm community. Owned by same family 3 generations, first time offered for sale. Owner carry mtg. bank interest rates, 25% down. All production, operating, gross & profit, records, available qualified owner.

Call 315-457-3380

Write

GRAHAM REAL ESTATE
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Liverpool, N.Y. 13088

Farms for sale in Bradford County, Penna from 100 acres to 500 acres This is dairy farm country HAROLD F FRENCH. Broker & Realtor, Troy, Pa 16947 Wayne J. Ward, Salesman, Gillett, Pa. 16925

Farm Equipment

For Sale—New Lil Colt Camper Caps for all size pick-up trucks
JD 730 Gas Tractor, good cond
MF 65 Gas Tractor w/power steering
ELWOOD FLOWERS
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Phone 653-4839

Used 77 and 88 Gas and Diesel Tractors.
FARMERSVILLE EQUIP. Inc
Ephrata R.D.2, Pa. 717-354-4271

Dairy Equipment

Used 200 gal. Girton bulk tank
CLARK ELECTRIC
R1, Kinzers, Pa.
Ph: Intercourse 768-8228

MILK TESTING
Owner Sampler—by the original Babcock method, at reasonable prices. All work done by me at my home.
KENNETH M WITMER
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Wanted to Buy—Red and White Holstein Heifer Calves. Karl Herr, Kirkwood RD1, Phone 529-2367.

For Sale — Purebred Yorkshire boars, bred gilts and open gilts Carcass Championship bloodlines. Willow Glen Farm, RD 1, Strasburg, Pa. Ph: AC 717-786-2562.

Reg. Duroc and Yorkshire Boars, open and bred Gilts for sale at all times, popular bloodlines. Will deliver quantity lots Duroc and Yorkshire Cross Gilts at times. Calvin H. Lazarus & Sons, 4290 Bridge St., Whitehall, Pa. Lehigh Co. 18052. Phone 215-799-3375.

Farm Equipment

DEMONSTRATED EQUIPMENT
Case 12 ft. Stalk Shredder
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Case 480 Loader
Case Opt. Til 6R planter
USED EQUIPMENT
IH, NH, NI Spreaders
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A. L. HERR & BRO
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Hawk Bilt 180 tank spreader
Hawk Bilt 145 tank spreader
N.H. 331 spreader
550 Oliver with loader
ROY H. BUCH, INC
Ephrata 859-2441

Used PTO Spreaders
Farmall Super C
International 311 Plow 3—14"
COPE & WEAVER CO.
New Providence 786-7351

Heavy Duty Concrete Stave Sealed Storage Silos with P & D Swinging Chain Bottom Unloaders.

For Silage and High Moisture Corn

ZIMMERMAN INDUSTRIES, INC.
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Instructional

MEN NEEDED
To drive Semi Tractor Trailers, local and over the road Experience not necessary. Earning potential $10,500 to $16,500 per year after short training For application and interview, call 201-826-0079, or write Advance D. T. Dept. Edison Industrial Center, Administration Bldg. 80, Route #1, Edison, New Jersey, 08817.

Farm Equipment

CLOSE-OUT LOW PRICES
New — New Idea #290 9 ft. mow-ditioner and swather
403 4-bar rake
256 3 pt mower
627 4-ton wagon — new tires
110—10 ft fertilizer spreader
Mower—hay conditioner hitch
Caly non-freezing water system
10 to 11 foot gates
Goulds high pressure water gun,
Automatic poultry troughs
32x48 metal windows
32x36 metal windows
32x34 metal windows
GRAYBILL MACHINES, INC.
Lititz Phone 626-5221

PTO #45 Baler, good working order
MF 2-bottom 14 inch plow on steel
Hayste auto. chicken feeder complete w/all controls, same as new, 400 feet, 12 corners, clock
100 feet Beacon 4-inch water trough, can be set up in any length, work on any pressure with 2 winches Complete with floats, clean outs.
WILLIAM LYTLE
Box 123
New London, Penna.

SELL ★ YOUR BUTCHER HOGS DIRECT TO

ARMOUR CO.
READING, PA.
We will be glad to look at your hogs & bid you
CALL AL SHAFFER AT
(215) 376-2941
Evenings (215) 779-3847

WENGER'S FARM MACHINERY, Inc.
NEW & USED MACHINERY

South Race St., Myerstown, Pa.
717-866-2138

TRACTORS

Four John Deere 4020, 4010, Two John Deere 3020, 3010 with loader, 2010 utility with loader. Two John Deere 730, 720, 530, 420 with loader, 435, 60, 50, A, B; Farmall 1206, 806, 706, 656, 560, 460, 400, 450. Three Super MTA, 140, 130, 340, 240, 660. New 434 reduced to sell, 424, 414, B275, 544 gas like new, 130 high clearance, Super C, Super A; Oliver 1850, 1800, 1650, 1450, 770, 1550, 77, 88, Super 88; Ford 6000, used 5000, new 5000, 4000, Special 4 wheel drive County Super 6, 841 with loader; 960, 3500 diesel with loader, 4500 gas with loader, 600 Jubilee, Seven 8N, 9N; Massey Ferguson 175, 165, 135 new and used, 65, 50, 30, pony, 44, Allis Chalmers Three D19, D17, D14, D10 C A, WD45, WD, WC, C, B, Two G; Case 930, CK, 830CK, 830, 800, 630, 600, VAC, DC; M.M. G1000, M5; David Brown 1200, 990, 880.

CRAWLERS: Case 310, Case 450, loader, International 500 loader, TD9 - TD6, Cat 955, D2 Cat with blade, A.C. HD4 with blade, Oliver HG42, John Deere 840 pon, Two Cat graders, BobCats Uni-Loaders; **BACKHOES:** 530 CK Diesel, 530 gas, John Deere 4020, 4010 backhoe loader, 420, Ford 460 International loader backhoe; **SPREADERS:** new and used; Starline Tank spreaders, New Idea #19, 203 and 17, Flail 12A, Oliver spreader, John Deere Model R, N, 33, New Holland 475, International spreaders; **PLOWS:** John Deere 4-5-6 steerable, International 4-5-6 steerable, M.M. 4-5-6 steerable, 3 point hitch plows, 2-3-4-5 bottom John Deere, International, Massey Ferguson, Ford, Oliver.

CULTIPACKERS: 9'-10'-11'-12'-13'; **CULTIMULCHERS:** 9-10-12 John Deere, Brillion, Dunham, Lehr; **SPRING HARROWS:** on wheels 12-14-16 ft. Brillion, John Deere, International; **DISC HARROWS:** on wheels like new 9-10-12-14 ft.; **CORN PLANTERS:** A.C. no till, 4 row, 12 row, John Deere, 494A, 494, 490, 246, and 6 row and 2 row 3 point, International Seven late style two and four row planters, International four row tool bar planter.

HAYBINES: New Holland, Hesston, Owatonna, Case, New Idea, International. **MIX MILLS:** New Holland, Gehl, Bear Cat, Letz, Farmhand, Peerless roller mill, Gehl roller mill mixers; Special price on 6-7-8 ft. 3 point blades; Special Bross 8-ft. **SNOW BLOWER** with power unit - excellent condition; **FERTILIZER DRILLS:** 10-12 ft. New Idea, Ezee-Flo, Three Ezee-Flo fan type fertilizer spreaders.

TRUCKS: two 1963 F600 Fords - excellent condition, 1965 GMC ½ ton pickup A1, 1963 International with milk bed.

Wenger's want the plow share business also, Int. John Deere, Massey Ferguson, Ford and Oliver, 14", 3 and 4 bolt, $2.20 each. 16", 3 and 4 bolt, $2.50 each. Moldboards to fit same plows from $14.50 to $19.50. Shin pieces from $3.35 to $4.65. Landsides from $3.20 to $5.50. Quantity Discount. Disc Harrow Blades, 20" 8 Gauge, 5/32" thick, 2" concave, 11/8 square, 1¼" round punching $5.50. Barbed wire 12½" Gauge, 4 pt., 5" spacing, 76 lb. net $10.50.

Large selection used parts for late model tractors and equipment. If in need of any equipment not listed above call us. Phone: (717) 866-2138.

MENTION YOU SAW THIS AD IN LANCASTER FARMING AND RECEIVE A SPECIAL DISCOUNT.

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FOR SALE

1955 V8 Plymouth motor
Excellent condition—reasonable
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Cast & Steel Shares and parts. We still carry parts for hard to get models such as: Wiard 106, J.D. 1441-1341

Gandy Applicators for Root Worm and Pest Control

Rent or buy the new 12 volt model for easy installation on horse drawn or tractor planters **Inquire early to make sure we can serve you.**

Hydraulic systems for most any application.

BIRD-IN-HAND FARM SUPPLY
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Bird-In-Hand, Penna. 17505

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FOR SALE

New liquid Farmec manure spreader, 1600 gal $1250
650 International tractor 70 h p
L.A. Case tractor
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300 Farmall Tractor
Hesston Windrower PT 10 demonstrator, reduced price.

MILLER'S REPAIRS
Bird-In-Hand, Pa.
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Starline Labor Savers
Feed Lot Planning
Sales & Service by
J. SAMUEL SHERER
Mt. Joy R2
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AGRI-INC.

TILE FOR MILK HOUSE
FEED BUNK OR MANGER
2" x 8" x 16" and 2" x 5" x 12"

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Ephrata, Pa. 17522
(Farmersville)

Phone
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HARVESTER KNIFE SHARPENING

We now have the latest machine for sharpening all types of harvester knife blades back to factory specifications.

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SHENK'S FARM SERVICE

R. D. 4, Lititz, Pa. **Phone 626-4355**

Feed & Seed

Feed & Seed

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CORN BLIGHT BOOK

- Yellow Leaf Blight (Phyllosticta sp.)
- Southern Leaf Blight (Helminthosporium maydis Race T)
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This Year Plant MUNCY CHIEF — Blight-Resistant Hybrids

MUNCY-CHIEF HYBRIDS
Muncy, Pennsylvania 17756

☐ Please send FREE BLIGHT BOOK and other information on MUNCY CHIEF HYBRIDS
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Name
Address
City
State Acres to corn

☐ I or We would be interested in Muncy Chief Dealership

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Farm Equipment

PARTS BY THE THOUSANDS: Dismantling Cat. D2 thru D8: HD5 thru HD21 Int. TD6 thru TD25: Oliver Cletrac, transmissions, final drives, winches, New & used undercarriages all makes: Examples: Cat. D2 & 933, 30 links, $157 90; roller $41 90 Cat. D4 & 955, 31 links $179.90; roller $49.90, Cat. D6, 955 & 977, 40 links $355.90, roller $65 90. AC-HD5 & HD6, 33 links $232.90, roller $55.90, TD6, 32 links $171 90, roller $48.90. TD9, 33 links $227 90, roller $55.90, Case 1000, 37 links $325 90, roller $55 90 JD 420-2010, 35 links, $211 90 roller $56.90 Oliver OC3 thru OC6, 30 links $191 90. F.O.B. Engines & Power units. Good used crawlers, loaders, tracks, rollers, idlers, sprockets, cheap. "If Not Listed Ask For It" Wanted: Used equip. parts,
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R.D.#6, Sinking Spring, Reading, Penna., 19608
Ph: 215-944-7171 or 678-1941

Crawler Tractors with Loader Blades Wheel Tractors — Ford, John Deere, Farmall, Oliver, Case, David Brown, Massey Ferguson, Allis Chalmers, and Moline Tractors with Loaders & Backhoes Pay Loaders, Hay Bines, Balers, Elevators, Mowers rotary and Flail Corn Planters 2 & 4 row Wheel and Roto Bar Rakes, Hay Crimpers, Manure Spreaders, new & used Wheel Disc Harrows, Cultipackers, Cultimulchers, Fertilizer Drills, Grain Drills. 2-3-4-5 Bottom Plows, Roll over plows, Land Rollers & Grinder Mixers Hundreds of Machines to choose from
CLYDE E KEENER
Intersection of Rt 72 and 283
1531 Manheim Pike
Lancaster
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USED CASE TRACTORS

1032 Diesel
731 Gas Draft-O-Matic
731 Gas Eagle Hitch
511 B Gas 12 speed
541 Gas Case-O-Matic
431 Diesel 8 speed
400 Gas
411 B Gas
LA Gas
VAI w/side mtd mower
See our new Case Tractors during our Open House March 15th thru 19th

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Now is the time to lease new Windrowers from us.

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We are now open til 9 P.M. Tuesdays.

ELEVATED CALF STALL — Simple to assemble, rigid construction. Reduces calf losses and upkeep Labor saving removable grate floor and partitions Farmer and dealer inquiries invited STANDARD EQUIPMENT, INC Dept. CS-6, Bel Air, Maryland 21014 (301) 838-4177

USED TRACTORS

Demonstrator—870 Diesel 156 hrs, tilt steering, 3 pt. hitch, adjustable front axle, 1000-540 PTO.
Demonstrator — 430 Case, 3 pt. hitch, PS, remote hydraulics.
430 Case Tractor w/loader, PS, Eagle hitch
VAC Case Tractor, 3 pt hitch, excellent condition

USED EQUIPMENT

1 spring harrow
2 Case plows 3—14 trip bottom
2 Elevators
1 Cullipacker
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Farm Equipment

For Sale—Used Attachments for AC Model B Tractor
1—10 inch 2-way plow
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Speedy Corn Cribs.
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Massey Ferguson 178 Diesel
Gehl Hopper Blower
N H. Forage Wagon
N H. Hay Rake
Horning Spreader
will be sold at the M M Weaver & Sons Public Sale, Monday, March 15, 10 A.M. at Leola, Pa See complete sale listing page 35 this issue.

For Sale: Several good used bulk milk tanks, 400, 500, 600, 650. Real good condition Donald Upperman, Rt 3, Chambersburg, Pa. 17201 Phone 717-264-6007

Poultry & Supplies

We are in the started pullet business in Pa We buy chicks direct from major breeders They are grown under sound management and fully vaccinated including Mareks. All pullets are sold on an advanced order basis only. (We do not speculate) Price $1 65 at 20 weeks of age. Delivered in lots of 8,000 or more within 75 miles If interested write to box 266D, c/o Lancaster Farming, Lititz, Pa. 17543.

Poultry & Supplies

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Warren Sex-Sal, Golden Sex Link, Broiler Chicks — Cobb and Wt. Mt.

Moyer's Chicks, Inc.
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Ph. 215-536-3155

Quality floor grown started pullets 20 weeks old Feb 26—2000; Mar 9—2400, Mar 12—2800
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Quakertown, Pa
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SHAVER STARCROSS

LAYERS
Greider Leghorn Farms, Inc.
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MOUNT JOY R. 1, PA.

Read Our Classified Ads

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Elizabethtown, Pa. 17022
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KimberCHIKS
Day old and started pullets

- J. J. WARREN SEX-SAL DAY OLD AND STARTED PULLETS LEUKOSIS RESISTANT — GIVE THEM A TRY!
- WHITE MOUNTAIN CROSS BROILER CHICKS BROILER CHICKS WITH TOP PERFORMANCE

Raising Baby Chicks and Started Pullets on Your Farm Where Leukosis is a Problem?

We Recommend You Order

MUSSER'S M-327 CHICKS

Started and Matured Pullets and Yearling Hens and Breeding Cockerel

WHY? Because our breeding and our resistance program on our farm has given us three distinct controls over coccidiosis and leukosis.

FOR COMPLETE INFORMATION CALL COLLECT

MUSSER LEGHORN FARMS

Box 116, Mount Joy, Pa. **Phone 653-4911**

1916 — 54 Years — 1970

CA$H IN ON CALVES
WITH THE
BE-CO-VEALER PROGRAM

NOW BEACON OFFERS A TWO PRONGED APPROACH AT RAISING VEAL CALVES FOR MAXIMUM PRODUCTION AND PROFIT

PROGRAM NO. 1 is a one feed approach for feeders who want the simplicity of a one feed inventory plus efficient growth and fine carcass quality. This is the program that has been proven successful with thousands of veal calves fed in Lancaster and surrounding counties the last two years. This program is especially beneficial in the production of calves sold on the auction market.

PROGRAM NO. 2 is a new two feed program which starts calves off on Be-Co-Vealer Starter to promote good framework, strong bones and good muscle development, then switches to Be-Co-Vealer Finisher when the framework has been established. This is a higher energy diet which will put on the flesh and finish buyers are looking for This is the program we recommend for heavyweight calves, 300 lbs or over. and for the extra premium veal market.

Either program can be backed up by Beacon Calf Power, the new medicated milk replacer for calves with scours, respiratory ailments or other stresses.

There's a bull market in veal. Cash in on it by calling the nearest Beacon dealer listed below and asking for full details on the Be-Co-Vealer program. It's a good way to cash in on calves.

BEACON FEEDS

BOMBERGER'S STORE
Elm, Tel. 717, 665-2407

FARMERS SUPPLY CO.
Lancaster, Tel. 717, 394-7127

H. JACOB HOOBER
Ronks, Tel. 717, 768-3431

I. B. GRAYBILL & SON, INC.
Strasburg, Tel. 717, 687-7822

GEHMAN FEED MILL, INC.
Denver, Tel. 215, 267-5585

O. KENNETH McCRACKEN & SON
Manheim, Tel. 717, 665-2186

EARL SAUDER, INC.
New Holland, Tel. 717, 354-0861

THE BEACON MILLING COMPANY, Inc.
York, Pa. Tel. 717, 843-9033

Agway Writer Wins Award

Nicholas A. Ferrant Jr , Crops Specialist for Agway Inc Southern Division, has won first prize in the membership newsletter competition of the 1971 Co-op Information Fair sponsored by the National Council of Farmer Cooperatives.

The Information Fair is an annual competition of advertising, publications, and information efforts of farm cooperatives throughout the country Entries are judged by journalism school faculty members.

Ferrant, of Yardville, New Jersey, writes a monthly newsletter for more than 6,000 farmers in Pennsylvania, New Jersey and Maryland The four-page letter contains management information for growers of corn, alfalfa, fruits, vegetables and other crops; tells farmers when and how to do certain jobs; and carries information about new products and their uses.

Ferrant has developed a style of writing which is effective in communicating with farmers about what is best for their crops without being overly technical.

This year's award was the fifth that Ferrant has won for his newsletter in the past eight years. The newsletter has been published for more than ten years.

Read Our Classified Ads
Call 626-2191 or 394-3047

Lancaster Farming

SECOND SECTION

Penn State Slates Second Livestock Day March 31

The Second Biennial Livestock Day — featuring research with beef cattle, sheep, and hogs — will be held March 31 at Pennsylvania State University

Keynote speaker will be Dr John W. Oswald, University President, discussing "Progress in Agriculture."

The conference will begin at 9:30 a.m. with registration at the Keller Conference Center on the campus, according to Dr Lowell L Wilson, general chairman.

The event is sponsored by the Department of Animal Science Reports of livestock research will be featured in the Conference Center auditorium.

At the conclusion of formal programs, about 3.30 p.m., personnel will be on hand at the livestock barns and laboratories to explain specific research in progress.

Persons interested in attending the beef cattle session will hear reports on feeding apple processing wastes, pastures for beef cattle, research on an Angus-Holstein crossbred cow herd, feed intake by brain control, alfalfa silage versus corn silage, and feeding and utilization of crownvetch

Swine research reports will include swine behavior studies, feeding of the lactating sow, sex odor in swine carcasses, protein-energy relationships, a farrow-to-finish swine management system, the SMEDI virus, voluntary feed intake in swine, and evaluation of swine testing.

Sheepmen will hear research findings on the effect of particle size and hay, on feed intake, the effect of zeranol implant on lamb performance, and characteristics of rams, cryptorchids, and wethers receiving limited and full-fed rations.

Reports will also describe the effect of ration energy level and creep feeding on lamb performance — as well as the effects of ensiling, additives, and drying temperature on the value of high moisture and reconstituted corn Results from the Meat Animal Evaluation Center will be discussed.

Pork Congress Report

Frank Waters, Allentown, Pennsylvania's Pork Cook Out winner, placed second in the national contest at the three-day American Pork Congress in Des Moines, Iowa, last week

John Henkel, president of the Pennsylvania Pork Producers Council, who attended the Des Moines meeting, said Waters did an outstanding job with pork kabobs Waters, who is sales manager of A & B Packing Co , used almost all Pennsylvania products and set his handiwork off with a nice display centered around Pennsylvania Dutch place mats, Henkel recalled

The winner, dubbed the U S Pork Cook-Out Prince, was from Kansas There were 10 entries, each the winner of his state contest

Other local men reported at the Pork Congress were. Edgar D Snavely of Miller & Bushong, Inc and Donald C. Hershey, Millersville, an equipment dealer and pork producer

In commenting on the Pork Congress, Henkel said it featured a trade show with all types of modern hog equipment and supplies There were also many educational meetings and a meeting of the U S Pork Producers Council

Henkel, a well known Strasburg RD1 swine grower, stated that anyone really interested in the swine industry should take the opportunity to attend the Congress in the future.

Among the key points made at the Congress was this: The government is very concerned about feed addatives. Feeders should follow withdrawal instructions on feeds; if producers don't act, the government will put regulations on it, Henkel reported.

Frank Waters
U.S. Pork Contest Runnerup

Asked about the latest word on the oversupply of pork and low hog prices, Henkel said pork is "moving very well" and the feeling is that the "worst is over" The next six weeks should bring to an end the large market gluts which resulted from the 20 per cent buildup in hog numbers last year, Henkel said

He noted that hog producers are still concerned because retail prices did not move down enough to reflect the low prices to producers, he said pork in storage does not appear to be too excessive The outlook is for smaller marketings and a better hog market in about six weeks.

Unhappily, when you apply conventional fertilizers, much of the phosphate is locked up through fixation in the soil. ☐ Up to now, this has been fought by carefully placing the phosphate closer to the surface and near each plant. Trouble is, this leaves your phosphorus supply "high and dry" during the heat of the summer. ☐ Ortho solved this problem during the development of UNIPELS. A unique "phospho - nitric" process makes the phosphate in UNIPELS *100% available*, yet makes it resist fixation regardless of how it's applied! ☐ And when you plow down UNIPELS in the fall, the phosphorus and other vital nutrients are down in the moisture zone where roots are most active in the hot, dry summer ☐ Come see us soon about the year 'round benefits of fall fertilization with Ortho UNIPELS — the All-Season Fertilizer.

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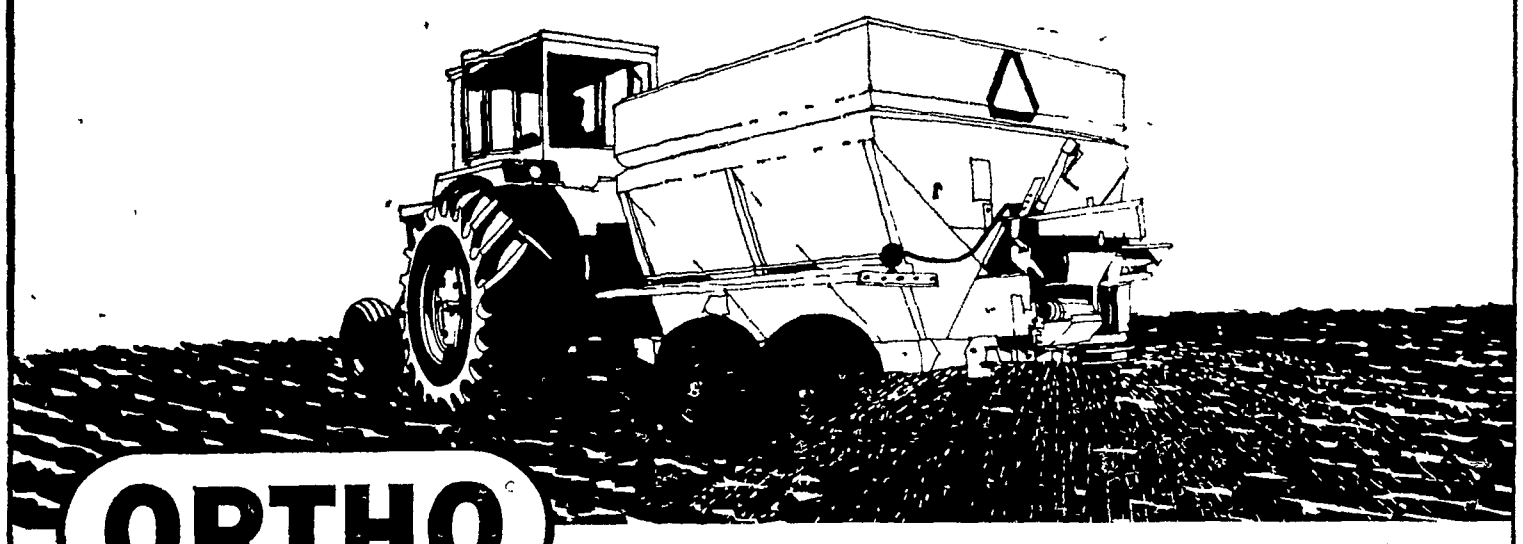

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Weaver Names Two Foremen

Victor F. Weaver, Inc , New Holland, has announced appointment of two men to positions as foremen.

James L. Kulp, 292 E. King St., Lancaster, has been named sanitation foreman

Kulp, a graduate of Warwick Union High School, started with Weaver in 1970 as a sanitation worker He later became a Foreman Trainee, the position he held until his promotion

Howard M Howlett, Strasburg RD1, has been named foreman of the Night Batter Dipped Fried Chicken Department, in the Prepared Foods Division

Howett, a graduate of Solanco High School, started with Weaver in 1968 as a Foreman in Weaver's Quality Eggs, a position he has held until his new appointment

The appointment were announced by Lester B. Weaver, Plant Superintendent

Size, Stretch, Marbling, Muscling, Faster Gain Needed

Breed Better Animals, Angus Men Told

"We must accept the challenge to change our beef cattle If we don't and the commercial cattleman can't find the kind of Angus bulls that will make him the most profit he will likely go to other breeds," Dr Robert Totusek of Oklahoma State University told more than 500 registered Angus breeders attending the recent National Angus "Cattlemen's Challenge" Tour.

Totusek's remarks came at the conclusion of the tour at Island Farms near Afton, Oklahoma And he was optimistic about the future "We have seen on this Tour the need for a little more size, frame and growthiness in Angus cattle," he pointed out

"The question is how do we get this change I think we can and will do it through the use of both something old and something new We have seen on this Tour how selective breeding and proper use of pedigrees can bring about high producing cow lines and families We have seen the need for good judgment in selecting and breeding beef cattle, and we certainly have seen the need for production records So we must use all these methods to accomplish the necessary change"

"The Challenge," Totusek emphasized, "is not just to make the changes, but to accomplish change intelligently and to guide it correctly using all the old and new tools we can muster"

Another highlight of the three day program which began in Wichita, Kansas, and ended at Afton, Oklohoma, with a National Angus Judging Seminar, was a panel discussion of both registered and commercial cattle breeders Much of the discussion centered around culling for more profit and breeding bulls that satisfy the best profit-conscious commercial cattle producers

"What registered Angus breeders need to do is get more size and stretch in the top end of their cattle and cull off the bottom 25 per cent," Andy Olson, a noted commercial Angus breeder from Council Grove, Kansas emphasized "And we have to do this without losing the quality and marbling that Angus are noted for While it isn't as easy to sell every kind of straightbred Angus feeder steer today as it was a few years ago, I have yet to find a packer who doesn't like to buy Angus for slaughter"

Angus breeders also have a responsibility to produce larger, faster gaining, more effi-

(Continued on Page 27)

This news article from the American Angus Association illustrates the kind of thinking which is going on in relation to nearly all the beef cattle breeds today

Specifically, cattle breeders are looking for big-framed animals which will put on meat in a hurry—at the rate of three to four pounds a day Such fast growing animals are more profitable, they use feed more efficiently, and they allow for a faster turnover and therefore more profit

The question for breeders and growers is how to get these fast-growing, high-profit animals

Careful breeding, based on accurate records, and good management can do the job, the Angus Association points out in this article

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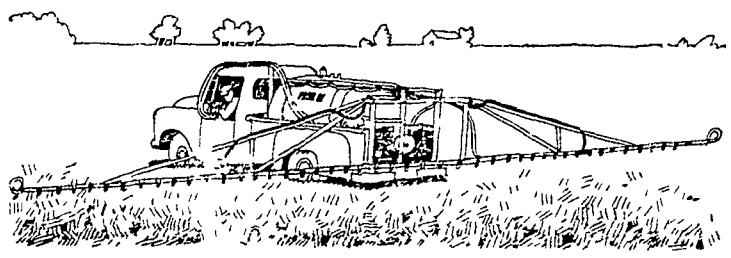

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PROGRAM

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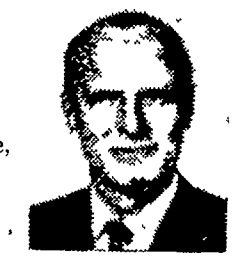
March 30, 1971

Noon	Depart Madison, Wis Airport to tour Dairy Farms
5 00 P M	Check-in at Madison Motels
6 30 P M	Snack "N" Chat Featuring Delicious Wisconsin cheese with tasty wines Holiday Inn Southeast
7 30 P M	Dinner
8 30 P M	Evening Program



Donald E Wilkinson Sec of Agriculture, State of Wisconsin

March 31, 1971

6 00 A M	Wake-up call
7 00 A M	Breakfast—served in Motel where you are staying
8 00 A M	Board buses to continue tour of Dairy Farms
8 30 A M	Special Ladies Program — "Imagination With Wisconsin Dairy Foods" Cooking demonstrations and unique recipe ideas Sponsored by Wisconsin Department of Agriculture and American Dairy Association Holiday Inn Southeast
Noon	Dairy tour completed Depart for home

Swine Producers Urged to Support New Area Test Facility

Mark F. Nestleroth, well-known Manheim RD3 swine producer, this week gave the following report on a proposed swine testing station in Lancaster County and why he thinks such a station is important to local swine producers.

The board of directors of the Lancaster County Swine Producers is pleased to announce the probability of a swine testing station being built in our area.

During our discussions of the rules of our carcass shows, we were contacted by Carl Smith, the territory manager for Hales and Hunter Feed Company, makers of Pioneer Food. He suggested the building of a testing station for our local swine producers, if enough interest was expressed.

No rules were definitely made but several generalizations were proposed by Smith for its basic procedure.

The company would buy the four to six pigs from the swine producer at market price (really a bargain for the information that is obtained).

Rate of gain of feed conversion would be calculated and sent to the producer upon completion of marketing the pen of pigs.

Carcass work would have to be done by another source and will be looked into when the testing station project is finalized.

Swine producers would be missing the boat if they don't take advantage of this proposal.

More emphasis in future swine production will be placed on the efficiency of the operation. Feed costs are about 65 to 70 per cent of the expense per pound of pork.

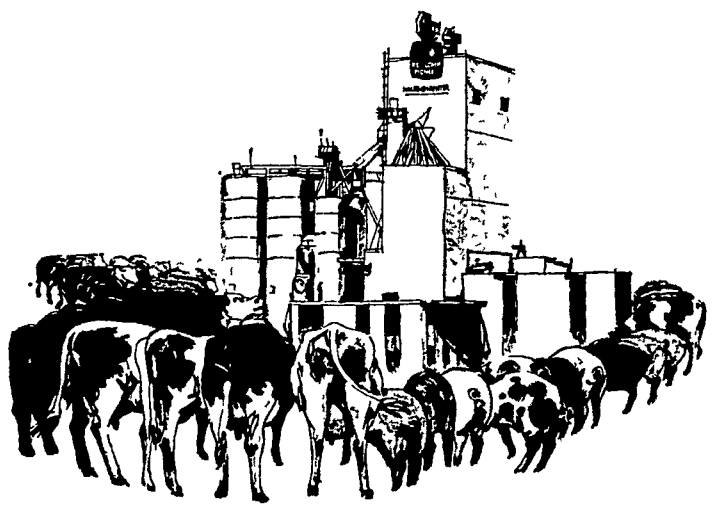
Muscling quality was the main emphasis during the past 20 years, but now feed efficiency and rate of gain are becoming as important as muscling because of the improvements on reduced cost per pound of pork.

This proposed testing station would be a way to check the siring ability of their purchased boars, plus the different sow families already in the herd.

Swine producers should express interest in this proposed testing station. Send your name and address to Carl Smith, Myerstown RD.

Mark F. Nestleroth

FRESH FEEDS



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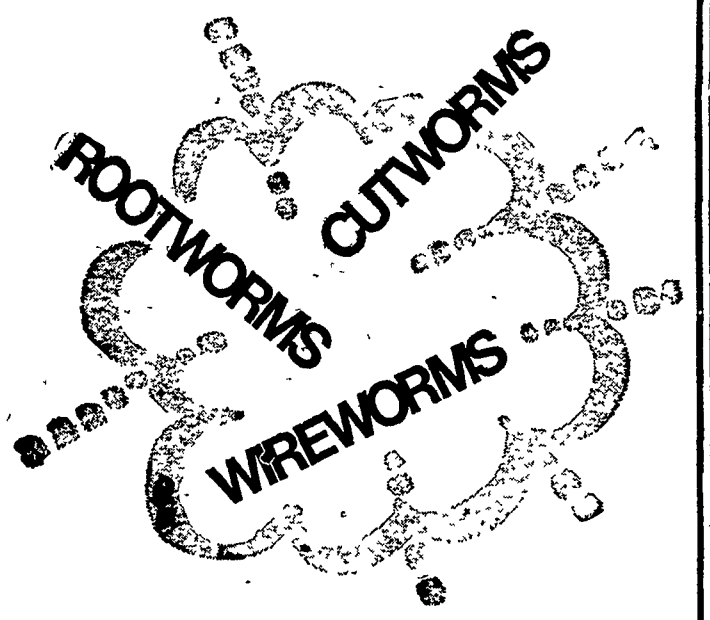

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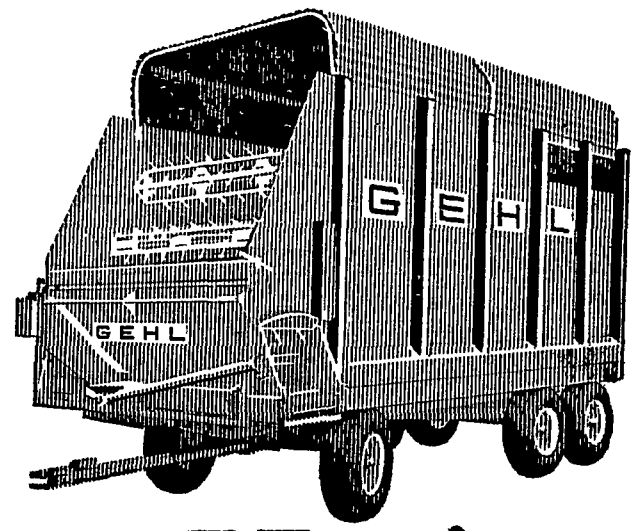

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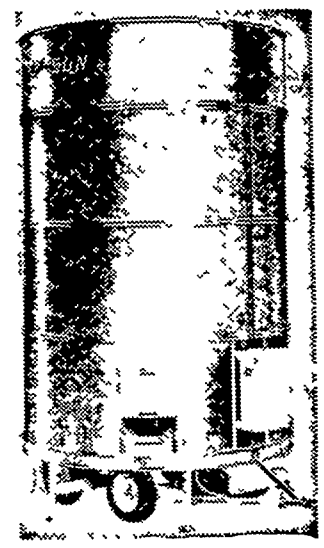

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Philadelphia Flower and Garden Show Draws Local Persons

By Mrs Charles McSparran
Farm Feature Writer

The Philadelphia Flower and Garden Show, under the management of the Pennsylvania Horticultural Society in the Philadelphia Civic Center, attracted thousands of flower lovers from far and near this week

Many Lancaster Countians travelled by bus loads and carloads to see the fine displays

As one descended the escalators into the large auditorium it was like entering into a magical springtime with the spring flowering trees and shrubs all abloom

It was as if the colorful tulips, daffodils and hyacinths were trying to outdo the taller blooming plants

And the mingled fragrance of sweet smelling roses Easter lilies, lilies of the valley, carnations and gardenias permeated the whole atmosphere

Exhibiting were nurseries, florists, garden clubs, horticulturists private gardens and commercial garden centers as well as commercial garden supply companies

Probably the most outstanding feature of the show was the beautiful array of orchid varieties Many were growing in tropical wooded and moist atmospheres

Large shade trees, hanging vines moss covered rocks, fallen tree limbs and uprooted weathered stumps and dead leaves were being watered by realistic waterfalls and lent themselves to the natural scene

desert scene with several varieties of cactuses and remains of the covered wagon days embedded in sand took you to the far west for a moment

African violets of every color and description were in profusion They could be purchased in the commercial stands as well as cut flowers, orchid corsages and desert and dried flowers

Some of the most colorful flowers were large marigolds roses, tuberous begonias, anthemum, ranunculus, gloxinias, tulips, daffodils, azaleas, rhododendron and lilies

There were many beautiful arrangements and houseplants

Dried flowers were used in some arrangements and in pictures

The Delaware Valley College, Doylestown, had a large and int resting exhibit of herbs

Penn State University had a temporary green house displayed and plans for different types of greenhouses

Garden scenes were replete with full grown shade and flowering trees, green grass, shrubbery, flowers, stone and wooden walls, fountains and pools, bridges, quiet paths, a patio with a barbecue pit, wrought iron furniture and wooden benches

One outstanding scene included an old weathered concrete chimney which was about 20 feet tall It also had the rare wild orchids, mounted foxes and wild ducks Sound effects of birds in the tree tops added to the atmosphere

The farm was brought into the picture with a farm scene of a miniature red barn and a Jersey cow and calf and a white ewe and lamb fenced in with a white board fence and a colorful landscape of ranunculus

A peacock was in one exhibit to lend his color Bird houses and bird feeders made from cocoanut shells were there

There was a vegetable garden with lush green lettuce, parsley, scallions etc growing in another exhibit

Allied Florists gave demonstrations entitled "Introduction to Bonsai" and "Fun With Flowers" Some interesting hints for flower arranging were thrown out as well as suggestions for tools to use in the arrangements

Some hints were to cut the stems of fresh flowers on a slant put in a vase of warm water, remove leaves below the water line and wash containers after each use with plenty of soap and water

A half teaspoon of unrefined or brown sugar can be added to water in the vase, instead of aspirin as some people do, keep in a cool place especially overnight and out of sunlight in daytime as some flowers such as tulips turn toward the light and actually grow in the water

They advised not to place cut flowers upon a television set as a certain amount of heat is generated from the set and this tends to wilt the flowers and they will not last as long

It was stated that most of the commercial orchids used for corsages are grown in New Jersey This excludes the little orchids grown in Hawaii

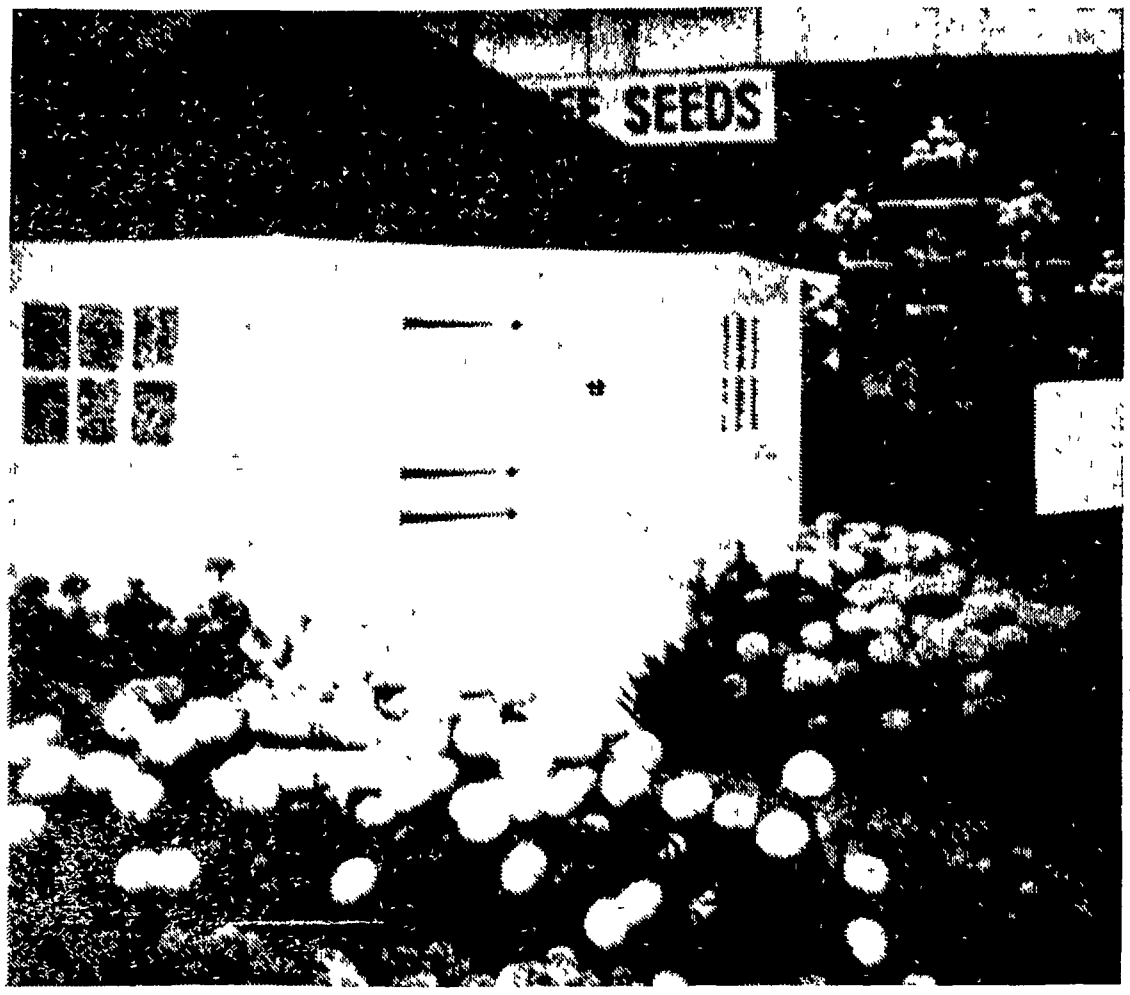
Most of the African violets sold in this area are grown in Etters, northern York County, just east of route 83

The Drumore Flower Club was one group that took a bus load to the flower show There were 46 in the group, mostly from the southern end of the county They have been attending for about 25 years

This club takes at least four trips a year, one in May one in the fall and a Christmas trip and sometimes an extra trip

One project they are seeking to undertake if they can get state approval is to plant and care for an herb garden at the Robert Fulton birthplace

This club was organized in 1937 and has 25 members Mrs. Clayton Wiley, Peach Bottom, is just completing a two year term as its president.



Burpee's marigold garden was one of the largest and most colorful exhibits.

One of the breathtaking exhibits done by a Philadelphia florist featured many gorgeous arrangements centered with a cherub fountain under a white wrought iron cupola.

A small portion of the Southeastern Pennsylvania Orchid Society's tropical setting with a county woman, Miss Margaret Patterson, Leacock, taking in the sights.

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Fulton Grange Schedules Public Highway Meeting

Fulton Grange will hold a public highway meeting at 8 p m Monday, March 15 at the Grange Hall in Oakryn

Alex Panik, Planning and Programming Engineer of Highway District 8 will be the speaker He will speak about future plans for roads of this area His talk will be illustrated with visual aids Refreshments will be served

Fulton Grange held its regular meeting March 8 Richard Holloway, Master, conducted the business meeting when the youth committee announced a bowling party at 9 p m March 13 at the Garden Spot Bowling Center, Strasburg

The women's activities committee will have a refreshment stand at Mrs Horace Good's farm sale at Martieville March 15

A group of Fulton Grangers will attend the State Grange regional conference at Pioneer Grange Hall, Croll and Keller Streets, Topton, Berks Co Saturday, March 20 starting at 2 p m There will be a covered dish supper followed by an evening session at 7 p m

Officers of the Grange will hold rehearsal at 8 p m March 16

First and second degrees will be conferred at the next meeting March 22

Plans were made for the annual roast turkey supper to be held April 3 at the Grange Hall David Wissler is in charge of ticket sales and the women's activities committee is planning the menu

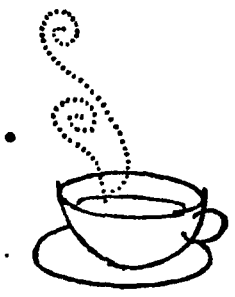
Youth conference for this district of the state will be held April 3 at North Coventry Grange Hall, Cedarville, near Pottstown Chester County Registration is at 9 a m and workshops conclude at 3 p m

Mr and Mrs J Stanley Stauffer Jr and Mr and Mrs James Huber were appointed on the young married couples committee for this year

The Lecturer, Mrs J Stanley Stauffer Jr , presented a program with the theme "Seedtime and Harvest" Mrs Rebecca Quinn gave a few of the latest garden tips. Mrs Stauffer conducted a vegetable seed guessing contest which was won by Mrs Richard Hanks, monologue "Garden Renovation" by Mrs. Thomas Bradley; reading "A Father's Answer" by Thomas Galbreath and a colored film "Seedtime and Harvest" was shown

The Junior Grange met at 8 p m March 8 and held a successful paper drive Plans were made to hold a roller skating party at the Buck April 5 Tickets are available from any of the members Also skates will be available at the door The next meeting will be at 8 p m April 12 Members should bring eggshells and catsup bottles for crafts

Ladies, Have You Heard? . . .



Overweight But Undernourished!

Millions of Americans are overfed and undernourished

In fact, during the past 10 years, the nutrition of many Americans has become so inadequate that it's estimated 10 per cent are anemic while 25 per cent are seriously overweight

THOMAS

Medical experts think obesity is a much more serious middle-class problem than vitamin shortages

But what is a properly balanced diet? Even the experts can't agree on this But there are a few things they all generally recommend

—Cut down on the amount of sweets you eat

—Serve more green, leafy vegetables

—Don't overcook vegetables, although some, like carrots, are more nutritious when cooked than they are when raw

—Reconsider old ideas about nutrition and eating habits For instance, there's no reason why a person can't eat a cheese sandwich, strawberry shortcake with milk, or a hamburger for breakfast and still be as well off nutritionally as with a more traditional meal

—Speaking of hamburger, it's as good for you as steak

—Also, substitute protein-rich vegetables or grains such as wheat, rice, or beans for high cholesterol animal fats

—Cut down on your consumption of all types of saturated fats.

Along this same line. the American Medical Association says, "When you're subtracting calories, don't subtract all the nutrients you need Your body still needs the proteins, carbohydrates, fats, vitamins, and minerals found in the four basic food groups Cut down on your portions, but balance your diet"

Avoid "Feeling Of Falling"

Slippery bathtubs and uncarpeted stairways are two common household hazards which result in disastrous falls About 12,000 people die annually from household falls, and countless others are seriously injured

However, a small investment in non skid tapes could lessen the chances of your slipping The tapes are available in rolls, strips, or patches in a variety of colors and designs Both strips and patches can be used in bathtubs, and strips of tape can be placed on stairsteps, at right angles to the probable direction of the fall, to give effective protection

Most tapes available will not

(Continued on Page 23)

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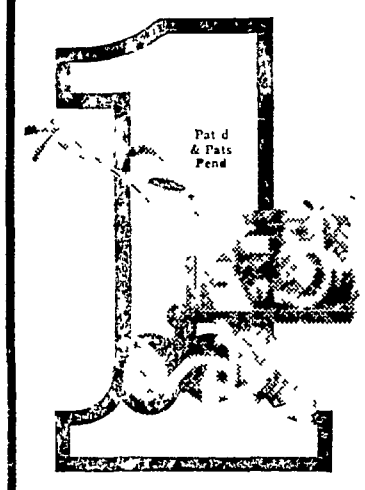

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First "Favorite Recipe" Column Features Local Pies

Lancaster Farming has received more than a dozen recipes in response to the first call under our new "Favorite Recipes" column.

This first appeal was for pie recipes. The response was from housewives throughout our area, including as far away as Hershey, but mostly in Lancaster County including Lancaster, Landisville, Ephrata, Bird-in-Hand and Manheim .

The recipes included cherry pie, apple cream pie, coconut custard pie, cherry-cheese pie, ice cream pie and pumpkin pie.

In addition, we received some other recipes, including four shoo-fly pie recipes, which will be held in our files for future use in our "Favorite Recipes" column.

See the enclosed notice on our next favorite food column on March 27 and please get your chicken recipes to us as early as possible.

Coconut Custard Pie

We received two coconut custard pie recipes The coconut custard recipe of Mrs Faye Givler, 3112 Cochran Drive, Lancaster, is as follows.

Beat slightly—4 eggs
Add:
⅔ cup sugar
½ teaspoon salt
1 teaspoon vanilla
2⅔ cups scalded milk
1 cup coconut

Pour into 10" pie shell, bake at 450° 15 minutes, 350° till finished (knife inserted 1" from side comes out clean).

* * *

The coconut custard recipe of Mrs. Willis Shoemaker, 1666 E. Chocolate Ave., Hershey, is somewhat different, as follows:

¾ cup brown sugar
¾ cup molasses
2 tablespoons flour
2 eggs
1 cup coconut
2 cups milk
⅛ teaspoon baking soda

Mix sugar, molasses, flour, add beaten egg yolks, soda and milk. Last add beaten egg whites. Put in unbaked pie shells. Makes 2 medium pies. Bake at 425° 15 minutes, then 375° till done.

Ice Cream Pie

Mrs. Givler also sent an ice cream pie recipe as follows:

Melt together 3 tablespoons butter or maragarine and ¾ cup marshmallow creme, pour over 2½ cups rice crispys. Mix and press into 9" pie plate. Freeze.

Then fill with 1 quart of vanilla ice cream. Freeze until time to serve. Cut into serving pieces then top with strawberries or any topping desired.

Pumpkin Pies

When it comes to pies, Mrs Clarence Nolt, Bird-in-Hand, prefers that it include pumpkin She sent two recipes based around pumpkin. The first, pumpkin ice cream pie, is as follows:

1 cup cooked pumpkin, put through sieve
½ cup brown sugar
½ teaspoon salt
½ teaspoon cinnamon
½ teaspoon ginger
¼ teaspoon nutmeg

Mix all ingredients together and add one quart softened vanilla ice cream and fill graham cracker crust and sprinkle with a few of the graham crumbs. Makes one large pie.

Put in freezer immediately This can be prepared a few days in advance.

* * *

Mrs Nolt's second pie, a pumpkin chiffon pie, of the 9 inch size, is as follows:

1 envelope plain gelatine
¼ cup cold water
1¼ cup canned or cooked pumpkin
½ cup milk
½ teaspoon ginger
½ teaspoon nutmeg
½ teaspoon cinnamon
½ teaspoon salt
1 cup sugar
3 eggs

To slightly beaten egg yolks add one-half cup sugar, pumpkin, milk, salt and spices. Cook until thick in double boiler. Pour cold water in bowl and sprinkle gelatine on top of water. Add to hot pumpkin mixture, mix thoroughly and cool. When it begins to thicken, add remaining sugar and fold in stiffly beaten egg whites. Pour in previously baked 9" pie shell. Chill in refrigerator. Pie may be garnished with whipped cream before serving. Delicious served in gingersnap crust (make same as gra-

(Continued on Page 23)

For our March 27 "Favorite Recipes" column, we want to jump from pies to a very popular main dish, chicken Not only is chicken a highly popular and versatile food which can be used in many forms, it's also a very important local farm product.

Send your favorite chicken recipe. As a token of our appreciation we will send a special pot holder (one per household) marked by a small reproduction of the Lancaster Farming masthead, which appears each week at the top of page 1.

Please send the recipe by March 20 to us at: Lancaster Farming, Recipes P. O. Box 266, Lititz, Pa. 17543

The recipes we received last week included three for shoo fly pie. We are holding these in our file until we get some more, enough to give a wide selection of this favorite Pennsylvania Dutch food.

Over the years, we have received many requests from individual housewives for shoo fly pie recipes. Here's your chance, ladies. Send your favorite shoo fly recipe now so we can complete our collection for an early publication of shoo fly pie recipes.

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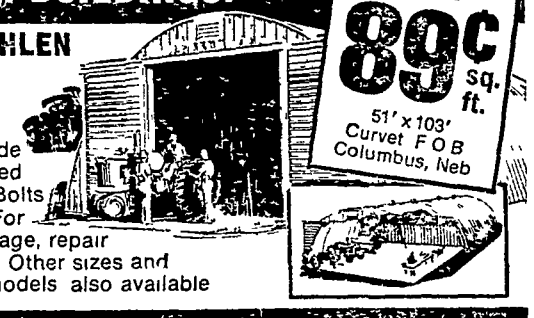

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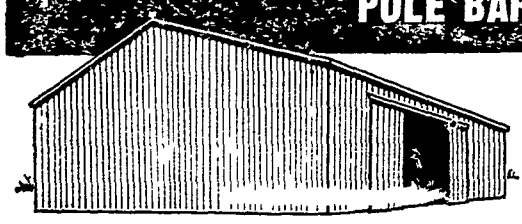

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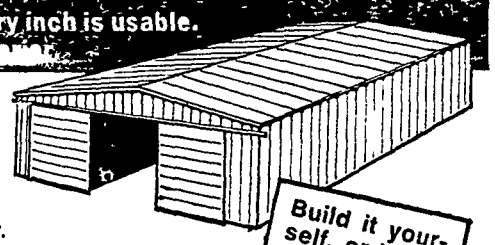

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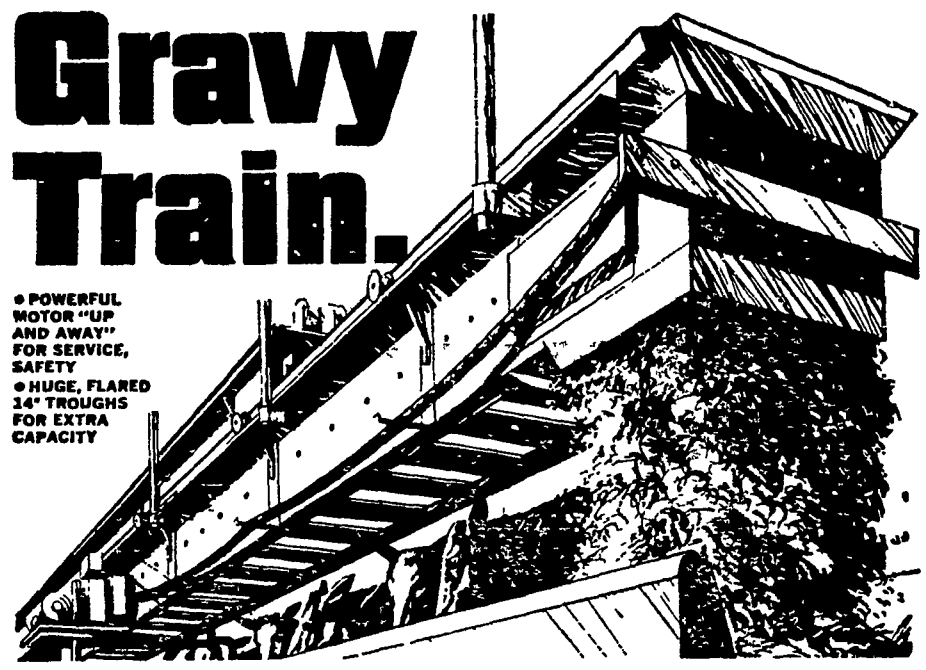

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VAN DALE

First "Favorite Recipe" Column Features Local Pies

(Continued from Page 22)

ham crust but use a little less sugar).

Cherry Pies

Mrs. Mark Burkholder, Manheim RD1, likes her cherry-cheese pie recipe as follows:

1 8 oz. package cream cheese
½ cup sugar
2 teaspoons vanilla
2 packages dessert topping mix (prepared)
2 9 inch pie shells, baked (I make Graham Cracker Crumb Crust.)
1 can (1 lb. 6 oz.) sour cherries

Cream cheese and sugar, add vanilla. Mix in dessert topping mix which has been whipped. Pour into pie shells. Chill for one hour. Top with cherries just before serving (have cherries chilled).

Mrs. Paul Frick, 416 Camp Meeting Road, Landisville, has a recipe described as cherry pie with almond-cheese topping as follows:

1 can (1 lb.) sour red pitted cherries
¾ cup sugar
2 tablespoons cornstarch
⅛ teaspoon salt
Almond extract
Baked, 9" pie shell
1 egg white
1 (3 oz.) package cream cheese, very soft
½ cup diced almonds, roasted

Drain liquid from cherries into saucepan. Stir in ½ cup sugar, cornstarch and salt, cook stirring until mixture thickens and clears. Fold in ½ teaspoon almond extract and cherries, turn into pie shell. Cool.

Beat egg white until foamy, gradually beat in ¼ cup sugar and a few drops almond extract and continue beating until very stiff. Add cheese, a little at a time and beat until smooth. Fold in ⅓ cup almonds. Spoon puffs of topping at edge and into center of pie. Garnish with remaining almonds. Serve at once or chill. 6 to 8 servings.

* * *

Apple Cream Pie

Mrs Frick also forwarded her apple cream pie recipe as follows:

⅔ cup sugar
⅛ teaspoon salt
1 teaspoon vanilla
2 cups finely chopped apples
2 tablespoons flour
1 cup sour cream
1 egg slightly beaten
1 9" unbaked pie shell

Topping

⅓ cup flour
1 teaspoon cinnamon
⅓ cup sugar
¼ cup butter

Combine sugar, flour and salt. Add cream, egg, and vanilla and beat until smooth. Add chopped apples and pour into unbaked pie shell. For topping combine flour, sugar and cinnamon and cut in butter. Sprinkle over top of pie. Bake in 425° oven for 25 to 30 minutes.

* * *

Mrs Harvey F. Martin, Ephrata RD3, likes her oatmeal pie which is as follows:

4 eggs slightly beaten
1¾ cup sugar
1½ cup Karo
1 cup milk
1½ cup Oatmeal
1¼-cup melted margarine (I use 1 cup)
¼ teaspoon salt
2 teaspoons vanilla
½ cup chopped nuts.

Mix together and pour into two unbaked pie shells. Bake at 350° for 50 minutes.

*

These recipes, which vary widely in terms of the types of materials necessary to make them and in the procedures involved, can present a challenge to any homemaker

Pick the one which appeals to you most. Try it Let our readers know how it turned out.

Remember that these are the favorite recipes of our experienced homemakers and therefore represent the best in home cooking available in this area, which is well known for its outstanding family food.

Of course, part of the success of any good food lies in the skill and care of the homemaker.

We suggest that homemakers may want to save these recipes for future use during those special times when they're in the mood to try something new.

Don't forget our chicken feature in our next "Favorite Recipe" column. Thank you for your cooperation and see you again March 27.

● Ladies, Have You

(Continued from Page 21)

stick well to a damp, porous surface such as an outside wooden staircase. But they will hold effectively on varnished or sealed wood.

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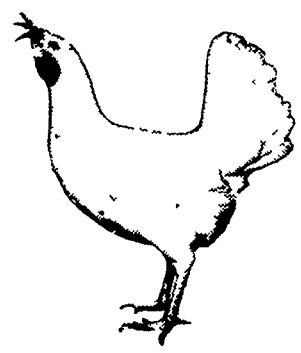

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Ida's Notebook

By Ida Risser

I've just been checking and not only are the daffodils and the hyacinths coming up, but so are those pink-red shoots of rhubarb Each year we have an abundant supply of rhubarb to eat, freeze and share with friends

Even my houseplants are benefiting from the sunshine of these longer days They are blooming a bit more and it is a joy to water and check on them

Somehow, though I don't have a "green thumb" like my aunt and cousins, I still bring in a lot of plants, as I can't see the frost kill them

Then a few die here and there and only enough remain to fill the windowsills

Generally, I think of farm women as being an ingenious lot There are so many times when they must improvise When you don't live next door to a store, you make substitutions in cooking and in repair work and all lines.

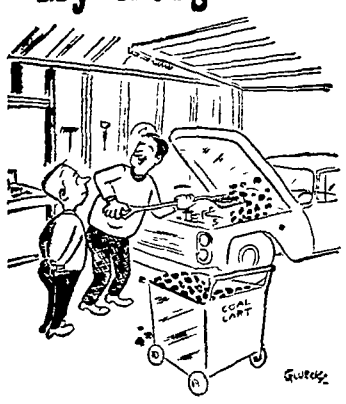
I'd like to tell you a story of an elderly farm woman who used her ingenuity in another manner I was surprised to hear that she shared my dislike for long-winded salesmen

This is what she told me "After a salesman has held up my husband for an hour, I open the kitchen door and call 'telephone' Then, they usually wind up their conversation in a hurry and he comes to the phone"

She added that he usually thanks her for getting rid of the agent This sounds like a wonderful idea to me, but so far I haven't had the nerve to try it You see, I might not get thanked

At a recent farm meeting, I overheard a woman say that when word got out that her husband was in the market for a silo, they were beseiged with salesmen Aren't we all?

My Neighbors



"This is one of the earlier models."

Farm Women Calendar

Saturday, March 13

1 p m —Farm Women Society 13, entertain Society 21 and County Board Officers, Witmer Fire Hall

1 p m —Farm Women Society 7, entertain Society 15, covered dish luncheon, Leacock Presbyterian Church

1:30 p m —Farm Women Society 25, Vera Nauman, hostess.

6:30 p m —Farm Women Society 2, banquet with husbands, Willow Valley Restaurant.

Thursday, March 18

Farm Women Societies 6 and 7, entertain guests, Conestoga View.

Saturday, March 20

12 30 p m —Farm Women Society 5, covered dish luncheon, Church of the Brethren, East Petersburg

Farm Women Society 3, Mrs Robert Hollinger, Lititz RD3, hostess

Farm Women Society 8, St John's Lutheran Church, Maytown

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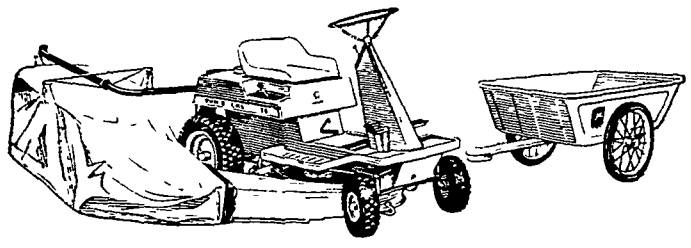

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Farm Women Societies

Society 10

Talk to your plants is the advice members of Society of Farm Women 10 received during a forum on the care of house plants conducted by Mrs Harry Sloat during the group's recent meeting

Mrs. Sloat told the women that plants will respond to talking by blooming and looking well

Members of the society attended a flower show held in Philadelphia on Wednesday.

Mrs Jacob Evans conducted the business portion of the recent meeting held at the home of Mrs John Habecker, 2301 Spring Valley Rd Devotions were led by Mrs Charles Shank, Miss Nancy Habecker, granddaughter of the hostess, presented special music for the occasion

Society 10 will be the guest of Society 30 at the Penryn Fire Hall on April 10

Next regular meeting of the group will be held April 3 at Eden Church, New Holland Pike Mrs Jacob Esbenshade and Mrs Charles Shank will serve as hostesses

Society 22

Announcing of the Spring Rally to be held at Stokesaye Castle, Reading, was made during a recent meeting of Society of Farm Women 22 held in the social rooms of Willow Street United Church of Christ The rally will take place May 12, according to Mrs Lloyd Herr, president, who conducted the meeting

During the meeting, the women entertained members of Society 30 with a covered dish luncheon Hostesses were Mrs Elvin Sangrey, Mrs Amos Miller, Mrs Wilmer Andrews, Mrs Harold Ranck and Mrs E Clair Witmer Devotions were led by Mrs William Weller who also gave a reading on Spring

Society 22 will sponsor a food stand at a sale at the Amos Fisher farm, Ronks Rd , March 19

Program for the meeting was conducted by Mrs John Hess, county president, who demonstrated egg decorating

Next meeting of the group will be held April 13 at 1 p m at the home of Mr Harold Ranck, 1717 Hans Herr Dr , Lancaster Mrs Robert Bare will serve as cohostess Program for the day will be a pound sale

Society 14

Farm Women Society 14 met recently at the home of Mrs Robert Esbenshade. Co-hostesses were Mrs. Clarence Herr, Mrs Clarence Groff and Mrs James Hall. Devotions were in charge of Mrs Clarence Groff

A program on interior decorating was presented by two reesntatives from Plastino and Owens A food auction also was held.

A food stand is planned for May 28 at Arlan's store, Manor Shopping Center

The next meeting of the Society will be April 14 when a tour of Lancaster County, directed by Mrs Edith Metzler, will be taken

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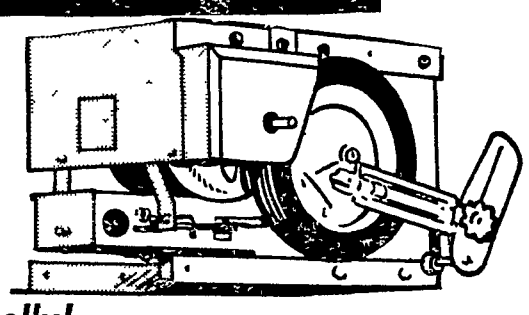

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(from Chemical & Engineering News, Dec 21, 1970)

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Plant Pathologist Warns of Blight Danger to C and S Corn

The nation faces another epidemic of Southern Leaf Blight of corn if the country's seed corn industry continues its shift to presumably resistant male-sterile cytoplasm, according to a plant pathologist at Pennsylvania State University.

Dr. Richard R. Nelson said Penn State tests show that corn inbred lines with C and S male-sterile cytoplasm — soon to be used widely in producing hybrids — have no resistance to strains of the leaf blight fungus currently existing in the U S. and throughout the world.

The shift to C and S male-sterile hybrids has started, he said, because of the extreme susceptibility of corn hybrids to Texas (T) male-sterile cytoplasm. Seed producers are aware of the susceptibility of T male-sterile cytoplasm to Southern Leaf Blight. However, the Penn State tests are the first to reveal the lack of blight resistance in C and S male-sterile inbreds.

Seed corn producers develop hybrids with male-sterile cytoplasm — the germ plasm in living cells — to avoid the need to detassel male plants by hand. Such a procedure saves the seed producer about $60 an acre in labor costs.

"Until further research identifies the resistance of certain inbred lines of corn with C male sterile cytoplasm, the seed industry should not rush headlong into converting the nation's corn hybrids into C male-sterile cytoplasm," he cautioned. "The time to fight an epidemic is before it occurs."

While not a new plant disease, Southern Leaf Blight of corn never has posed a serious threat to corn hybrids produced with normal cytoplasm. The Penn State scientist believes that normally produced hybrid corn, using non-male sterile inbreds, has sufficient blight resistance to keep the disease under reasonable control.

"Thus far, none of the fungus strains that blight all of the male-sterile cytoplasms produce a similar blighting on corn lines containing normal cytoplasm," Dr. Nelson stated.

He indicated the seed industry is increasing production of C-male sterile inbred corn all over the world. He claimed the seed industry should be alerted to the fact that such inbred corn lines are not resistant to certain races of Southern Leaf Blight fungus.

"If the use of hybrid seed with normal inbreds prevents another blight like the one of this past season, it would be well worth the extra cost of producing it," he affirmed.

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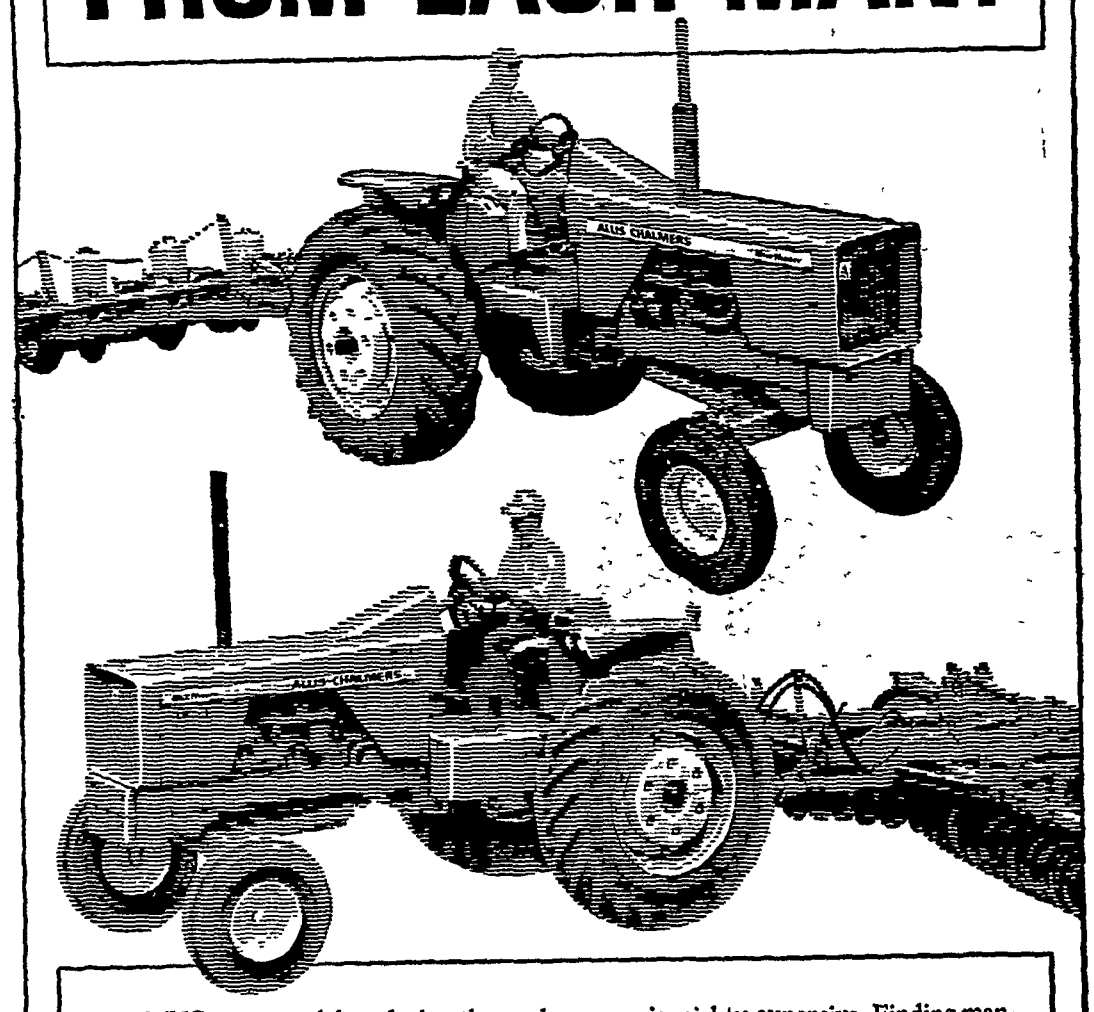

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(Continued from Page 18)

cient bulls whether all his customers are demanding them or not, according to George Strathearn, a commercial cattleman and manager of the Grand National Livestock Show at the Cow Palace in San Francisco

Strathearn also said that in selecting for increased size muscling must not be overlooked. "Those long, narrow light-muscled cattle won't help the Angus breed," he said, "and waiting for a bull to grow into a heavily muscled animal at two or three years of age is no good. Muscle is muscale and cattle have to be born with it If a bull isn't the right kind at service age it isn't likely that the steers he produces will be the right kind at slaughter age."

Both Olsen and Dillard Bryce, Big Timber, Montana, emphasized the need for proper culling with the help of production records. "We eliminate most of our poor producing cattle after they have weaned their first calf," Bryce explained. "Sometimes if the records show that a heifer is from a top producing line she will get a second chance, but any animal that doesn't come through by the time she has had her second calf is culled"

The fourth panel member was Kenneth Haines, Union Springs, Alabama "The commercial breeders in our state are looking for more size and stretch in their cattle and many are willing to pay for it Commercial breeders will pay from $600 to $1000 for the right kind of bulls," he concluded.

Management efficiency and proper use of production records were studied at George Fox's Rafter F Ranch near Cambridge, Kansas. Fox told how rigid culling with the help of AHIR records has helped him breed better cattle

"We cull the bottom 15 to 20 per cent of our cows every year on production," Fox said "This has helped us increase average weaning weights by 10 per cent or more since we started using records, and we now get better than a 90 per cent calf crop running under practical range conditions"

While Fox runs registered cows more like commercials, the Bill Barnett herd near Bowring, Oklahoma, the next stop on the Tour, was just the opposite He makes his living solely from 200 head of commercial cows and runs them much like a registered herd He shoots for both top pay weights and premium prices His cows are chained and he keeps complete production records on the herd and has for years.

The cows trace back to the famous John Kilbie herd that was also bred for top production with the help of records His calves average 550 pounds pay weight, and many top 600 pounds He uses only production tested bulls. One of the newest came from Bob Hartley's Spur Ranch at Vinita, Oklahoma, which was the next tour stop.

Hartley, through the use of records and a comprehensive breeding and selection program, has been able to increase weaning weights on his registered cattle an average of 50 pounds a calf since 1960 and has boosted his average bull test gains from 2 5 to 3 pounds per day up to 3 5 to even 4 pounds per day. At the ranch the crowd studied a set of 1,100 to 1,200 pound cows from each of three herd bulls as well as 1,000-pound two-year-old heifers and 700 to 900-pound yearling heifers whose weaning weights ranged from 450 to 579 pounds.

At beautiful Island Farms the largest crowd of the Tour studied the herd and in particular a bull that is being tested now as a potential certified meat sire. They also participated ina unique "Seven Steps to Angus Progress" demonstration that covered all phases of beef cattle management from production records and classification to meats judging to freeze branding for identification

Emphasizing that no cattleman can be successful without also being a top judge of Angus type, was the National Angus Judging Seminar

The importance of this portion of the program, however, was to make an in depth study of beef cattle judging Each judge had to defend his placings in the five classes of heifers and bulls and at times the concensus of the crowd didn't agree with the concensus of the official judges An important point that emerged from the discussion was that both the crowd and judges saw the cattle alike and recognized the same weaknesses and strong points Because of their individual preferences, however, they placed them differently in class.

Both the crowd and the officials did indicate preference for longer, taller cattle that showed plenty of growth potential It strongly demonstrated that judging is only one man's opinion, that it is not the final word, but should be used as just another guide to herd improvement and promotion.

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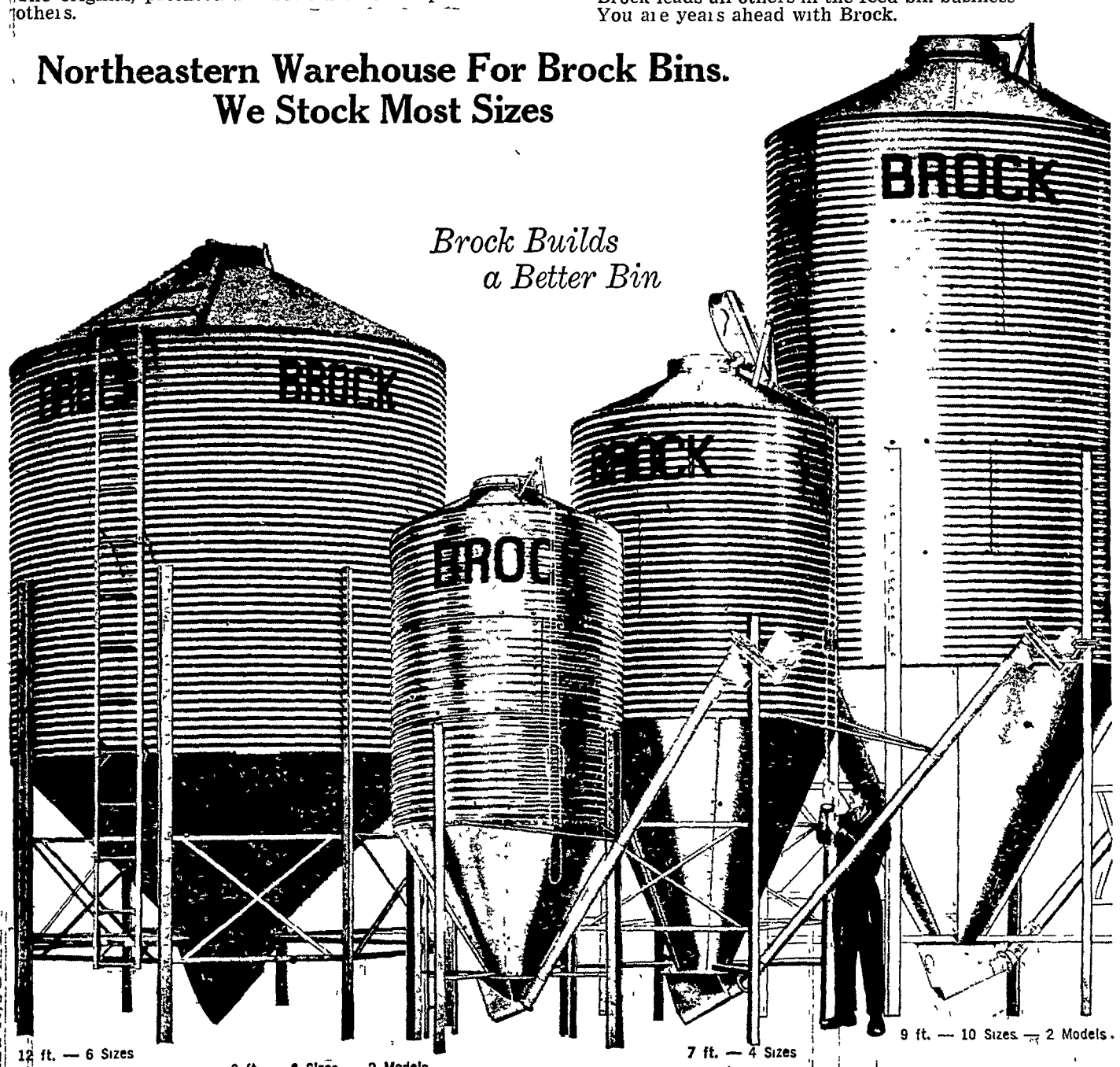

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4-H Club News

Sequoia Riders Club

The Sequoia Riders 4-H Horse and Pony Club will hold its monthly meeting Tuesday, March 16, 1971 at Fairview Farm and Stables, owned by Melvin and Jane Ressler

The business meeting will begin promptly at 7 30 p m The program for the evening is "Preparation for Summer Riding"

Two sets of slides will be used showing the proper form of Western Stock Seat Equitation and English Hunt Seat Equitation

Tina Biesecker will provide the refreshments for the evening All parents are welcome to come

The club appreciates the aid of those who helped us by buying candy during our candy sale.

Brian Ressler
News Reporter

Central Tractor Club

The sixth Central Area 4-H Tractor Club meeting was held March 9 at Landis Bros Equipment Co.

A demonstration was given showing the importance of PTO shields.

All 4-H tractor club books should be completed and ready to be handed in at the next meeting March 16 The next meeting will be the last meeting

Bill Book
Reporter

Penn Willow 4-H Club

The organization meeting of the Penn Willow 4-H Club was held Friday, March 5th at the Pequea Township Elementary School

Mrs H J Brenesen and Mrs H C Eshleman introduced 4-H to 42 eager youths and 8 adults.

The new officers are Karen Harnish, president, Doug Martin, vice president, Barb Huber, secretary, Beverly Martin, treasurer, Carol Harnish and Debbie Lefever, song leaders; Eric Eshleman and Doug Landis, game leaders, and Mike Campbell, news reporter

Mike Campbell
News Reporter

Elm-Penryn 4-H Club

The first meeting of the Elm-Penryn 4-H Club was called to order at 7.30 p.m., March 8.

Officers were elected by club members for the new year The officers are as follows Greg Shell, Lititz RD2, president, Cindy Shelly, Manheim RD3, vice president, Cheryl Patschorke, Lititz RD2, secretary; Mike Grube, Elm, treasurer, Pam Nissley, Manheim RD4, song leader, Ruth Uibel, Penryn, game leader, and Debbie Patschorke, Lititz RD2, news reporter.

Jay Irvin spoke to old and new members about the variety of projects that could be selected and he passed out project books.

Cheryl and Debbie Patschorke told the members about the first fund raising campaign of the year They will be selling air freshener and window cleaner and would appreciate the support of the public

Debbie Patschorke
Reporter

Flapjack Day and Walk-a-Thon Planned by County 4-H Council

The Lancaster County 4-H Council is beginning preliminary plans for two upcoming events, Flapjack Day on April 24 and Walk-a-Thon Day May 8, according to Miss Joan Lucas, assistant Extension home economist.

The Flapjack Day from 7 a m. to 2 p m at the Farm and Home Center is a meal available to interested citizens for $1 50 for adults and 75 cents for children "All the pancakes you can eat" is the featured attraction.

Tickets are available in advance from County Council representatives and at the door April 24.

The Walk-a-Thon for retarded children will begin at 12.30 p m May 8 from the Farm and Home Center.

The program involves any interested 4-H member who would like to walk to raise money for retarded children.

After gathering at the Center, the 4-H'ers will be dropped off at various points and they will walk back to the Center for punch and cookies. Sponsors will reward their 4-H'ers with a contribution to retarded children.

The walk is being organized in cooperation with Pennsylvania State Police.

Rain date for the walk is May 15.

The 4-H County Council representatives are selling flower bulbs now through March 26. The bulbs are for planting in April for spring bloom.

Roaring Maples Cows Are Listed by Holstein Assn.

Some outstanding cows in the herd of Roy H. and Ruth H Book, Ronks, have been listed in an official production testing report of the Holstein-Friesian Association of America.

The animals and their actual production levels are

Roaring Maples Ivanhoe Betty 5782892, a six-year-old Registered Holstein, has credits of 24,380 pounds of milk, 854 pounds of butterfat and 2,010 pounds of solids-not-fat (SNF) in 351 days; Roaring Maples Archie Alice 6371332, a four-year-old, had 18,820 pounds of milk. 789 pounds of butterfat and 1,620 pounds of SNF in 305 days

Roaring Maples Tim Tamy 637-1329, a four-year-old, had 16,360 pounds of milk, 704 pounds of buttertat and 1,413 pounds of SNF in 360 days.

Production testing and sampling procedures were supervised by Pennsylvania State University in cooperation with the Holstein Association.

Included with the pounds of milk and butterfat are the amounts of solids-not-fat (SNF) produced by each Registered Holstein since last calving.

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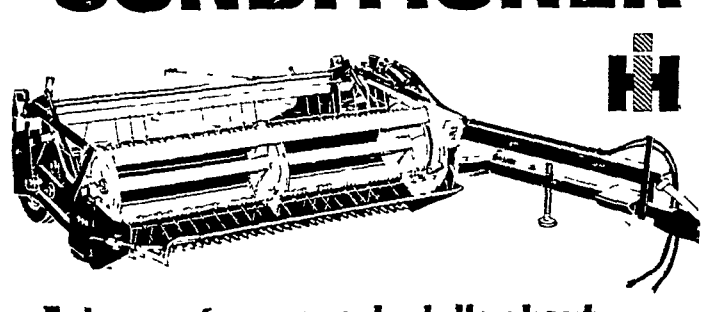

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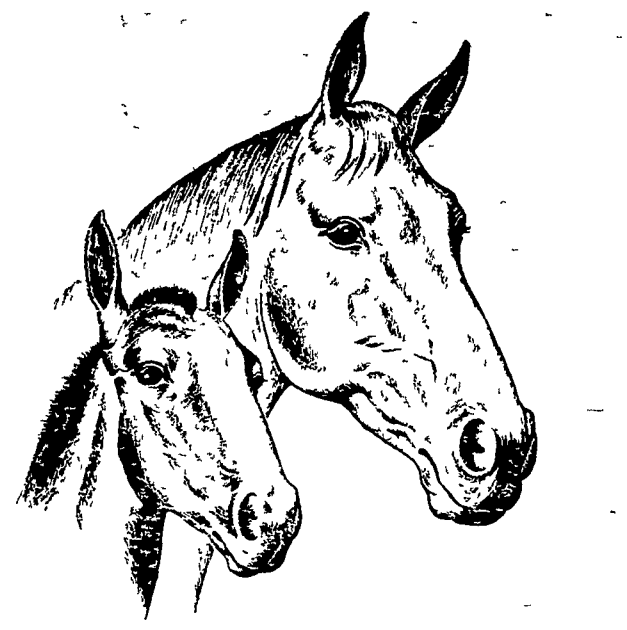

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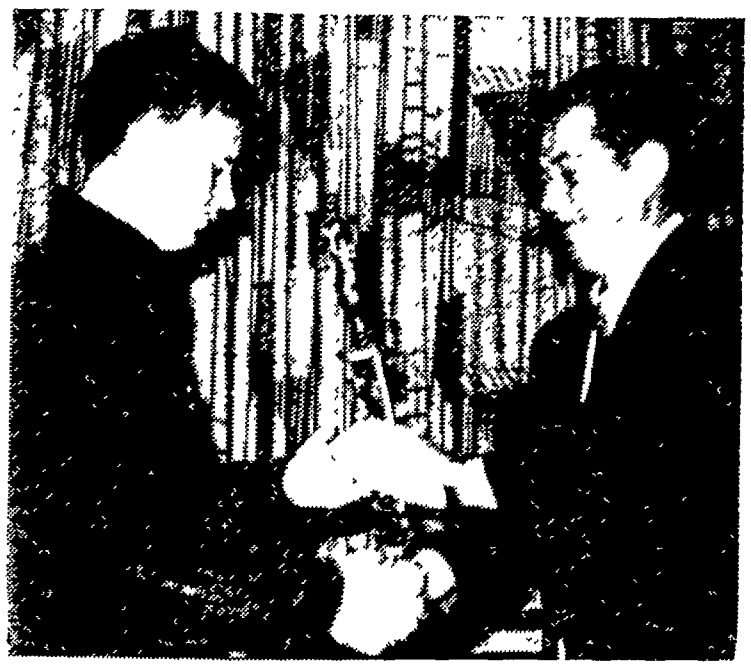
Manheim FFA Chapter Has Nineteenth Annual Banquet



Marlin Becker, Manheim FFA Chapter member, is shown receiving a gold medal for his project record book from Henry Givler, area vocational consultant, during the chapter's annual banquet. Becker also received several other awards, including the chapter livestock production award and a vegetable seed salesman award.

Lancaster Farming

THIRD SECTION

The Manheim FFA Chapter presented two honorary chapter farmer awards at its Nineteenth Annual Parent and Son Banquet at Manheim Central High School last Friday.

The two are Dr David Hollstrom, school district superintendent and Wilbur Hosler, a local auctioneer The two received the awards for their interest, cooperation and service rendered to the chapter

Citation awards were given to two local businesses Shenk's Farm Services of Lititz and Stiegel News of Manheim

The Star Greenhand award was presented to Gene Gehman a freshman whose program consists primarily of veal calves

The Star Chapter Farmer award was given to Donald Wenger, a sophomore whose program centers around dairying, tobacco and one beef animal

The chapter's Star Red Rose award went to Amos Sauder, a junior whose program includes dairying, beef fattening, field corn, guinea pigs and some on-farm work experience Sauder is chapter secretary The Red Rose degree is the highest county award for a member of the chapter

The Keystone Farmer Degree recipients were Dale Nolt and Wilmer Groff These two received the awards from the state, but also got additional certificates at the banquet from PP&L presented by Jerry Shaffer

Foundation medals consisted of the following dairy production, Gary Buchen, livestock pro-

(Continued on Page 30)

Donald Wenger, Manheim's Star Chapter Farmer, is seated with the Chapter Sweetheart, Miss Debra Heisey. Standing, at left, is Amos Sauder, the chapter's Red Rose Farmer representative, and Gene Gehman, Star Greenhand Farmer.

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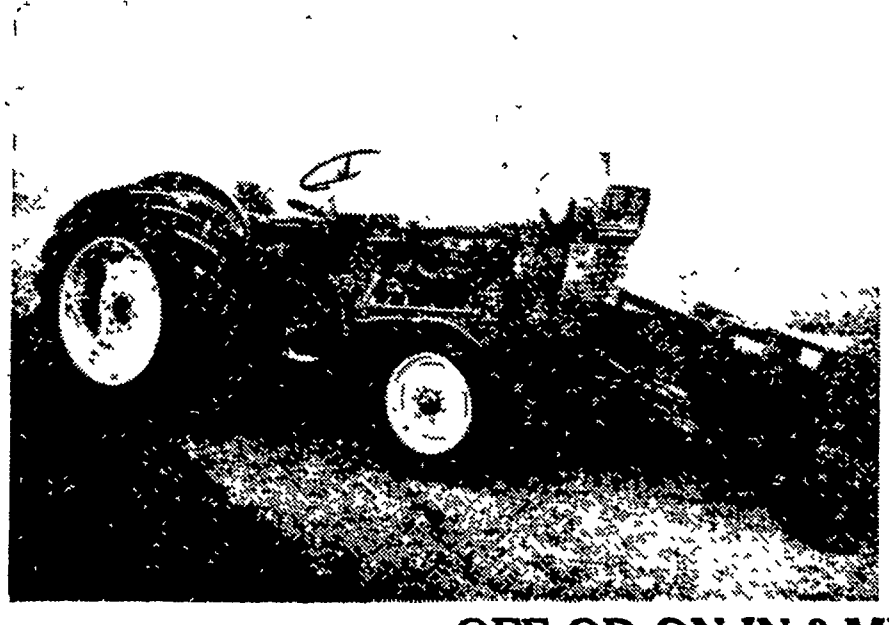

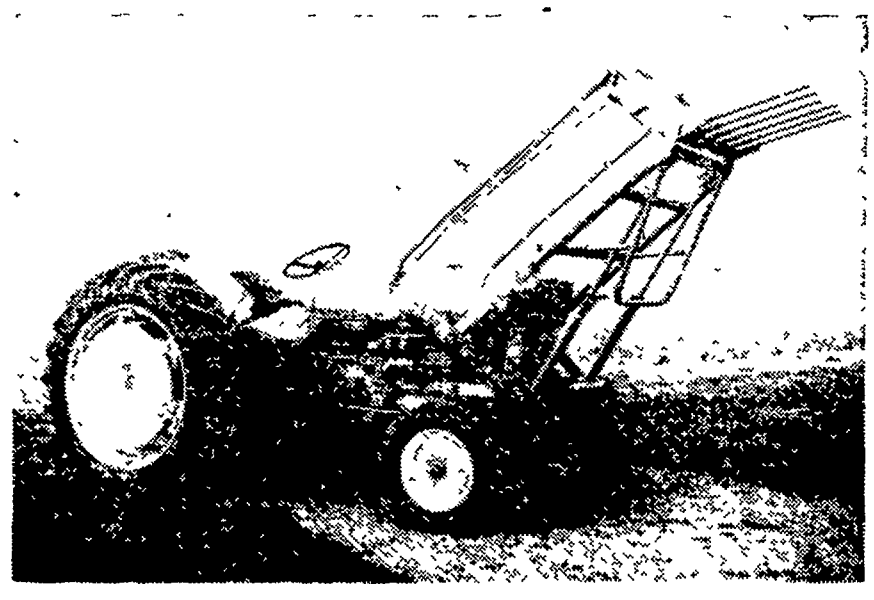

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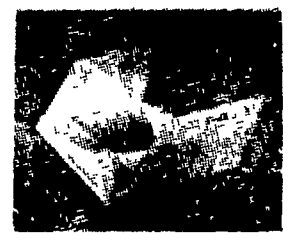

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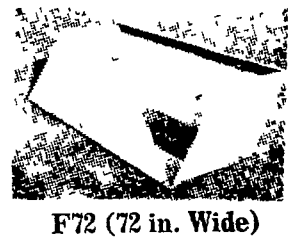

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Manheim FFA Chapter Banquet

(Continued From Page 29)

duction, Marlin Becker, poultry production, Dale Nolt, crop production, Joseph Lefever, agricultural mechanics, Wilmer Groff, agricultural electrification, Gerald Wolfe and placement in ag production, Marlin Fahnestock These awards were presented by Henry Givler, area vocational consultant

A new dairy calf chain sponsored by Graybill's Dairy of Lititz was announced The first recipient of a calf was Marlin Becker

Two gilt chain winners were Glenn Ruhl and Glen Lehman The gilt chain is sponsored by the chapter

The highest judges at last year's Lampeter Fair received ribbons in the following order Wilmer Groff blue, Gary Buchen, red, Marlin Becker, third, Randy Hess, fourth, and Douglas Rohrer, fifth

The two high vegetable seed salesmen were recognized They are Amos Sauder and Marlin Becker and each received a $25 savings bond, one presented by the chapter and the other by G and G Feed Supply, Manheim

The county tobacco and corn show contest winners from the chapter were recognized Amos Sauder was first in the corn contest Placings in tobacco included Dennis Rohrer first in filler Douglas Rohrer, third in filler Donald Wenger, fourth in filler, also third in wrapper

In the project book evaluation contests at state and county level, the following trophies were given Marlin Becker, Amos Sauder and Dale Nolt received gold medals and trophies Six received silver medals and trophies, including Wilmer Groff, Mervin Groff John Miller, Joe Lefever, Gary Buchen and Paul Newcomer Four received bronze medals and trophies, Caleb Kreider, Ray Erb, Donald Wenger and Richard Kauffman

The chapter Sweetheart, Miss Debra Heisey a Manheim Central junior, was introduced to the audience and was presented the official FFA Sweetheart jacket

Jay Foreman, president of the Manheim Young Farmers Association and treasurer of the State Association, brought greetings from the Young Farmers

Dale Nolt chapter president, was toastmaster

A slide presentation of the National FFA Convention last fall was presented by chapter members who attended They are Joseph Lefever, Mervin Groff, Amos Sauder Gary Buchen, Dale Nolt, Wilmer Groff and David Brandt

For entertainment, a magic show presented by Richard Canfield, a senior at Manheim Central

Robert Good, State FFA vice president of Region 2, sang two songs and followed with an inspirational talk

On the question of what the future holds, Good said the future "remains for us to make"

Commenting on the original settlers of this country, Good said they "didn't take the easy way out," but were "physically and spiritually strong"

The great enemies of freedom, he said, are "indifference of spirit and weakness of will, and particularly compromise of principal" He encouraged each FFA member to "go forward to become the best type of individual possible"

Stating that too much emphasis has been placed on the misfits, perverts and underdogs, he said, "I'm for the achiever and I think it's about time someone stood up for the achiever — the type of person who sets out to do something and does it"

Good also emphasized that 'God is in all that sustains life"

Among those participating in the Manheim FFA Chapter banquet were left to right, front, Wilbur Hosler, auctioneer who received an Honorary Chapter Farmer award; Dr David Hollstrom, school district superintendent, Honorary Chapter Farmer award, back, Robert Good, State FFA vice president, Region 2, and Ray Shenk, owner of Shenk's Farm Services, a citation award.

Manheim FFA Chapter members who received gold medals and trophies in county and state project book competition are shown with their chapter advisor They are: front, left to right, Dale Nolt and Marlin Becker; back, Mark Campbell, chapter advisor, and Amos Sauder.

Pa. Ag Official to Speak

The new deputy secretary of agriculture in Pennsylvania will be the speaker at the annual Lancaster County Swine Producers Banquet at Blue Ball Fire Hall at 6 30 p m March 19.

He is Raymond J Kerstetter, who was named recently as deputy to James McHale, the new state secretary of agriculture

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Ephrata, R.D. #2

USDA Mineral Study Aims at Fighting Selenium Poisoning

How to combat selenium poisoning, which causes death of cattle and sheep in certain areas of the country, is being studied by U.S. Department of Agriculture scientists as part of an over-all study of trace minerals as they relate to human nutrition

Previous research indicates that selenium toxicity can be decreased in several ways and that each protective agent acts by its own peculiar mechanism

One method involves the amino acid, methionine, which when used with vitamin E decreases selenium residues in the organs

To verify the methionine — vitamin E action and learn more about the way these two compounds work together, a team of scientists in the human nutrition laboratories of USDA's Agricultural Research Service made a series of studies based on the response of female weanling albino rats to a diet high in selenium supplemented with methionine, vitamin E, and/or certain antioxidants.

All rats were fed a basic peanut meal diet devoid of vitamin E and with 10 parts per million selenium added. Some received a methionine supplement while vitamin E was added to the diet of others.

Additional rats were given a supplement containing both methionine (0.5 per cent) and vitamin E at different levels (0.01 to 0.05 per cent), while certain antioxidants were substituted for vitamin E in the diets of other rat groups

Rats that received the selenium-peanut meal diet without a supplement of methionine or vitamin E showed moderate to severe liver damage Addition of either one alone had only a slight beneficial effect

All combinations of methionine and vitamin E protected against selenium poisoning with the best protection seen at the higher vitamin E levels

When certain fat soluble antioxidants were substituted for vitamin E in the combination methionine/vitamin E supplement, animals were protected in varying degrees The water soluble antioxidants, methylene blue and ascorbic acid (vitamin C), were ineffective

Selenium is one of the essential trace minerals When the diet does not contain enough of this element, animals may develop certain degenerative conditions of the liver, pancreas, or heart, depending on the animal species Rats and monkeys lose hair and chickens lose their feathers.

Sheep and cattle must also have a certain amount of the mineral to protect their offspring from "white muscle disease" found in most sheep-raising coutnries and in many cattle-producing areas where soil and pasture do not contain adequate selenium

Jaycees Garden Show

The Lancaster Jaycees has announced its 17th annual Home and Garden Show April 20-24 at the Pennsylvania Guernsey Breeders Association Barn on Route 30 East

Ken Miller was named chairman of the Home and Garden Show committee

The Satisfaction That Comes From Doing A Good Job Of Farming

It's a great feeling to know that you are the master of your farmlands . . . that when you treat your soil right, it will treat you right. Liming is one of the most important factors in keeping your soil in the highest productive range. A good pasture with a pH of 6.5 or higher, for example, will make 300 to 400 lbs. of beef per acre and produce up to $100 gross income per acre. This means with the help of lime, profits from pastures can compare favorably with feed or grain crops.

MARTIN'S LIMESTONE
Blue Ball, Pa. 354-4125 Gap, Pa. 442-4148

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MARCH 15th thru 19th

CHECK OUR SPECIAL EQUIPMENT PRICES

OUR SERVICE DEPARTMENT is prompt experienced reliable.

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PLOW SHARES FILTERS
OIL & GREASE TOOLS
CASE HAND CLEANER

- CASE FARM & UTILITY EQUIPMENT
- AVCO NEW IDEA FARM MACHINERY
- HELIX GRINDER MIXERS
- LAMCO FORAGE BOXES & FEEDER RACKS
- KUBOTA TRACTORS
- DUNHAM LOADERS & TILLAGE EQUIPMENT
- YEAR-A-ROUND CABS

WEDNESDAY MARCH 17, 1971

SEE WHAT IS NEW IN OUR LINES THIS YEAR.

Factory and Company Personnel will be present From 10 a.m. until 8 30 p.m.
Special Evening Show at 7·00

Door Prizes Will Be Awarded — Refreshments, Special Drawings for Children

- GENERAL TRAILERS & ROLLERS
- ARPS TRENCHERS
- COBEY TRUCK BODIES
- STEEL BUILDINGS
- HESSTON HAY & FORAGE EQUIPMENT
- ARIENS POWER EQUIPMENT

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KINZER EQUIPMENT CO.

Your Equipment Center in Lancaster County

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Check Our Special Discount Tags On Lawn & Garden Equipment

Phone 442-4186 768-8916

Lancaster County ASCS Reports '70 Spending

The Lancaster County Agricultural Stabilization and Conservation Service reported program participation and payments of more than $500,000 in 1970.

According to Miss Dorothy Neel, ASCS county executive director, the Lancaster County program in 1970 included

Under the 1970 wheat program, 690 farmers participated, and earned additional wheat income of $200,491 through certificate payments on 4,905 acres of wheat and $20,500 for diversion of 694 acres of wheat allotment.

Payments were made on 341 farms under the feed grain program Diversion payment of $163,661 was made for diverting 3,590 acres from corn and 248 acres from barley. Price support payment of $30,272 was made for 1,518 acres of feed grain grown.

Seven farmers earned diversion payments of $6,410 on 228 acres of cropland retired into permanent cover Two of the farms received an additional $3 per acre for permitting public access for hunting and hiking on 20 acres

Payment of $6,027 was made to 89 farmers for wool and unshorn lambs sold during the 1969 marketing year Payments are made in April following the year of sale

Eleven farmers received $6,473 in price support loans on 5,756 bushel of wheat stored in local warehouses and one farmer received $531 for 400 bushel of wheat stored on the farm

Two farmers received $3,492 in support loans for 2,816 bushel of corn stored on the farm.

Farmers received $116,580 as cost-share payments for establishing numerous conservation practices on 322 farms These included

1,415 acres of permanent grass cover on 117 farms, $16,722, 493 acres of contour strip cropping on 17 farms, $4,697; three acres of forest trees on one farm, $23, 1,572 acres of improved permanent cover on 83 farms, $16,280

Some 89,097 feet of sod waterways on 65 farms, $33,843, five acres of permanent cover on diversions and ditch banks on five farms, $247; 133,836 feet of cropland terraces on 35 farms, $26,755; 3,000 feet of open drainage systems on two farms, $720, 2,060 feet of diversion terraces on three farms, $431.

A total of 44,460 feet of tile drainage systems on 47 farms, $13,367; 1,869 acres of cover crops on 54 farms, $3,275; eight acres of woodland border and hedgerow management on one farm, $200, one acre of beautification of unsightly area on one farm, $20.

In addition, $6,050 of the 1970 allocation was transferred to the Soil Conservation Service for technical services needed in establishing permanent type practices

Help Us Serve You

Is your farm organization's meetings making our farm calendar? If they're not and you think they should, let us know.

As a public service to farmers and the farm community, we try to get as many meetings as we can on the calendar. But we miss some.

Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543 You can help us serve you better.

FIND IT IN THE CLASSIFIEDS

IF YOU THINK TOBACCO IS A GREAT CASH CROP, WAIT'LL YOU TRY

CASH!

Invest your cash-crop money and harvest a bundle!

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You can get a bigger return with the top weed killer in corn. Ask us how.

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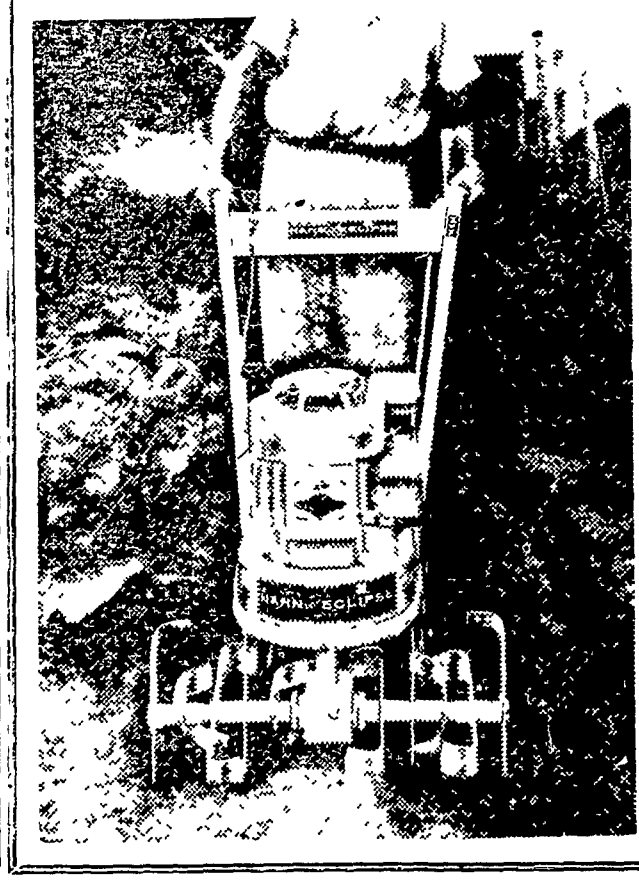

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Rotary Tiller . . .

"Lift Test" it yourself

See how easily the wheels lift off the ground because 93% of weight is on the tines . . . works with you, not against you. Tills even the hardest ground. Power reverse backs out of tight spots.

Choice of 3 models.

HALDEMAN'S GARAGE
Bird-in-Hand, Penna.
Phone 393-9267

PENB Study Shows Promotion Helps Keep Egg Prices Up

"After reviewing the evidence, the egg industry certainly says "Thank You" to the food retailers, the National Association of Food Chains, and the Plentiful Foods Program of C&MS for making the September-October egg promotion a success," reports PENB Chairman Neil Castner.

PENB has recently completed a study of the level of egg advertising appearing in retail food ads of stores doing business in the Top 24 food market areas of the country. A comparison was made between mid-September-October of 1970 and for a comparable period in 1969. The 1970 Egg Advertising Index was 156 per cent of that in 1969. In each of the six weeks compared there was more advertising in 1970.

No claim is made that this was due to any one thing The New York Fancy Large White average wholesale quote showed eggs averaged 7 2 cents less in 1970 for the period The Plentiful Foods Program included eggs as a Best Buy on their listings for both months

The National Association of Food Chains endorsed the PENB program which included a "merchandising opportunity" letter to 145 egg buyer-merchandisers who make the merchandising decision for about 90 per cent of all eggs sold at retail.

San Francisco had the highest advertising index both years . 62 5 in 1969 and 86.0 in 1970. But five other markets were in the Top Ten both years.

Not all food chains reacted to the request by increased advertising One important outlet did no advertising during the six week period studied in either 1969 or 1970

A second food chain advertised in 100 per cent of its markets for both years, but increased its Index by 10 per cent for 1970 Still a third chain reduced overall advertising by nearly seven times Still the average of all was up at a most critical time

The average "advertised price" was also examined. The average in 1969 was 53 6 cents In 1970 the average was 45 1 cents, 8 5 cents less New York wholesale market was 7.2 cents per dozen less for the period in 1970 than in 1969

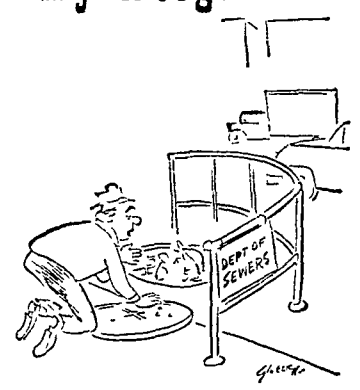
When the average "advertised price" and the year-to-year differences were examined, there were no readily discernable differences due to geographical or surplus deficit areas

The larger food market areas tended to have higher egg prices in 1969 and to show the greatest change in 1970 Minneapolis-St Paul had the least year-to-year change, but both its 1969 and 1970 prices were among the lowest advertised

"The egg market averaged three cents better than was forecast in view of the supply that actually developed. An increase of one cent per dozen for one week means $750,000 to U S egg producers If we use just the six-week period and three cents per dozen, that amounts to $13 5 Million added producer income PENB is proud to have been instrumental in helping producers obtain this added income," commented May Cleland, PENB Vice Chairman.

Anyone wishing a copy of the three-page, five-table study may obtain one from the limited supply by requesting it from the Poultry and Egg National Board, 18 S Michigan Ave , Chicago 60603

My Neighbors



"Who do you have to know to get a job like yours?"

MINI BRONC

Write or call for more information.
Available as do it yourself kits

$178.00

Complete with instructions and warranty assembled ready to go $208.00

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312 Park Ave Quarryville
Phone 786-3521
or
STEVE HERR
Kirkwood Phone 529-2367

When Power Fails

PROTECT YOUR FARM WITH A PINCOR PTO TRACTOR DRIVEN ALTERNATOR

- 50,000 watts surge capacity
- 16,000 watts continuous duty
- Slow speed—1800 RPM operation
- Cool running triple chain drive transmission
- Heavy duty motor starting
- Close voltage regulation
- Meets NEMA codes
- Heavy duty construction
- Induction hardened input shaft
- Rain proof construction
- Completely wired control box
- Three phase available

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Haverstick Bros.
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Ph. (717) 392-5722
PINCOR

STAUFFER DIESEL, INC. invites you to

OPEN HOUSE DAYS

MARCH 18th and 19th ALL DAY

DEUTZ and HESSTON factory representatives will show films both days at 2 P.M. and 7 P,M,

Come in and visit with us and the factory representatives.

DOOR PRIZES
You need not be present to win. REFRESHMENTS

10% CASH DISCOUNT
On every sale closed on open house days.

Equipment on display:

DEUTZ

New! 413 V-8 diesel engine 230 HP.
Several smaller diesels.
Full line of diesel tractors from 40 to 96 HP.

HESSTON

4000 self-propelled forage harvester 200 HP. CAT diesel powered
2000 PT forage harvester
320 SP (9'3") windrowers
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Remember: Our products are backed by parts, service and customer service training.

STAUFFER DIESEL, INC.
312 W. Main Street, New Holland, Pa. Ph: 354-4181

if you want to TILL, GRADE SLOPES, LEVEL RUTS, DIG HOLES or TRENCHES, RAKE or CULTIVATE...

Pre-season Special

Free Furrowing Plow with Purchase of Tiller

Model 5030
5 HP
Heavy Duty

get a

YARD-MAN EARTHBIRD

Tough, rugged, troublefree tillers that really dig in and get the job done. 3, 4 and 5 HP EARTHBIRD TILLERS have the features that match the performance: FINGERTIP DRAG BAR RELEASE controls tilling depth. QUICK-CHANGE BOLO TINES take only seconds to change from standard 22" width to 11" width. Tills up to 32" with optional tines. FULL POWER FORWARD AND SAFETY REVERSE controlled by one lever. SAFETY TINE SHIELD • ADVANCED POWER TRANSMISSION • TOTALLY ENCLOSED POWER GEAR BOX.

ASK YOUR YARD-MAN DEALER ABOUT EARTHBIRD

FREE DELIVERY

ELI F. KING

Pond Road, Ronks R. D. 1 Phone 768-3670
(2 Miles Northwest of Intercourse)

Women's Group Gives Book on Food to Public Schools

Mrs. Jesse Wood, chairman of the Women's Committee of the Lancaster County Farmers Association and Mrs Clyde Wivell, of the State Women's Committee met with Dr. H K. Gerlach, County Superintendent of Schools at the Farm and Home Center.

The purpose of the meeting was to familiarize Dr. Gerlach with the book "Food From Farm To Home."

As an aid in creating a better understanding of american agriculture and its remarkable contributions to the growth and development of this Country, Lancaster County Farmers Association plans to present "Food From Farm to Home" to Elementary Schools in Lancaster County.

Dr. Gerlach heartily approved the project and expressed gratitude to the Farmers Association for their interest. The Women's Committee will be in charge of distributing the books.

The book, written and illustrated by Walter Buehr, well known author of children's textbooks on industrial subjects, examines modern farming techniques as well as recalling the pioneer farm, and explains the important role played by agriculture in everyday living.

Published by the Wm Morrow and Co , Inc., of New York City, the book fills a need often cited by elementary teachers for authentic material on how food is produced through the cycle of planting and food production. Early day and modern machinery used in farming is graphically illustrated in near accurate detail by author Buehr.

Every type of agriculture is discussed in "Food From Farm to Home" and the author points out that farmers comprise less than six per cent of our population.

Today each farmer grows enough to feed 42 persons. How the farmer accomplishes this feat is a story of interest to all.

Mrs. Wood stated, "The Lancaster County Farmers Association is pleased to present this book by Mr. Buehr in as much as we feel that we're living in a fast changing world and nearly an entire generation has grown up and wonder at the mystery of how and where all those products on the supermarket shelves originally came from and who is responsible for this abundance of food.

"We want the children to know that milk really comes from the cow out on the farm as well as from their door-step.

"We of the Lancaster County Farmers Association feel that in presenting this book, we can look back to our heritage and give thanks, look forward and take courage, look around and serve mankind and Creator, look up and ask God's help from whom all things are made

"We know that the world's great people have always been those who are willing to work. The people who have moved this world forward did not seek smooth surfaces where there was least resistance, but they have cut their way through many difficulties.

"Whatever we do in life depends on the price we are willing to pay or the time we give In return we get satisfaction, happiness, a better country, nation and world. The world is always in need of men and women willing to bear it's burdens.

"It is with these thoughts in mind that the Lancaster County Farmers Association will be presenting this book "Food From Farm To Home" to every Public elementary School in Lancaster County. Look for it in your school soon," Mrs. Wood concluded.

ALL DAY CONSIGNMENT SALE

FRIDAY, MARCH 19, 1971

On North Maple Avenue, Leola, ½ mile North of Rt. 23, watch for Sale Sign.

Variety of tractors, farm machinery, horse drawn implements, lumber, truckload bolts, etc , etc , at 9:30 A M.

by DAVID H. GOOD

Frank & Paul Snyder, Aucts.

We sell on Commission

Not responsible for accidents

Try A Classified Ad — It Pays!

FEEDER PIG SALE

Saturday, April 3, 1971

2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa., along US 501.

375 to 425 — 40 to 60 lb. Choice Feeder Pigs Hampshire, Duroc and York Cross

All pigs are vaccinated for Cholera and Erysipelas, Castrated young. Wormed, Sprayed for Mange and Lice.

All pigs were raised on this farm. No outside pigs will sell on this sale. Also pigs will not have to be moved the day of Sale.

A few sows with litters and seven young boars.

These are some of the finer quality feeder pigs in the East.

Sale at 1:30 P. M.

Norman M. Martin

RD 1, Myerstown, Pa.

The Royal Ivanhoe Heritage Sale

AND

The 295th Garden Spot Sale

THURSDAY, MARCH 18

LANCASTER, PENNA.

Sale held at the Guernsey Sale barn located 4 miles east of Lancaster on Rte. 30.

100 REGISTERED HOLSTEINS

All eligible to ship anywhere with all tests up to date.

THE ROYAL IVANHOE HERITAGE

Perhaps one of the greatest groups of Holsteins ever assembled for sale anywhere and all with the "Ivanhoe" Heritage. Several "EX" dtrs and many granddaughters 3 top young own dtrs. of "Ivanhoe" from sensational cow families In these last few years he has been mated to only the "cream" in everyone's herd Many, many miles have been traveled to locate this great group.

295TH GARDEN SPOT SALE

Immediately following the "Heritage" sale.

Some of the early entries

- Yrlg. son of Thonyma Royal Prince from a "VG-87" dtr. of "Ivanhoe" with 1275 Fat, 25,765 M in 333 days A real prospect.
- Yrlg son of Paclamar Ivanhoe Black Eagle out of an "EX" 863-lb dam, 20,751 M 4 2% A real strong cow family
- "GP" dtr of "Marquis" with 600 fat, 17,601 M at 3 yrs Just fresh
- Yrlg son of Rocket Kenland of Glenafton out of an own dtr of ABC Ref Sov class "VG-88" with a top record.
- "GP-82", 621-lb , 15,116 M. dtr. of "Ivanhoe"
- 614-lb dtr. of "Ivanhoe" due after sale to Erasco Golden Topper.
- Yrlg son of "Kingpin' from a dtr of "Ivanhoe" with 872 f. 20,960 M Class 89 pts
- 9 top 2 yr. olds just fresh or springing by popular sires and out of good rec dams
- 5 top 2 yr olds from good rec. dams up to 742 fat and by popular sires Up close.
- "GP" 775-lb dtr. of Sheldon Mel Ivanhoe Ref just fresh
- There will be many others to select from that will please anyone.

MAKE YOUR PLANS NOW TO ATTEND AND BUY FROM THIS SENSATIONAL SALE ON MARCH 18 ! !

Sale starts 11:00 A.M. **Lunch Available** **Catalogs**

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N. Y.

EARL L. GROFF
Local Rep.
Strasburg, Pa.

HOG SYSTEMS OR EQUIPMENT

BIG DUTCHMAN HAS IT ALL!

REDUCED MORTALITY RATES . . . LESS LABOR . . . EASY MANAGEMENT . . . SANITATION . . . DURABILITY . . . YOU GET ALL OF THESE ADVANTAGES WITH A BIG DUTCHMAN FARROWING UNIT. Workable design and durability make the *Big Dutchman Farrowing Unit the leader in the field. Constructed of* tough 16 gauge SQUARE steel tubing and embossed draft panels with heavy galvanized side wall, it offers maximum rigidity while exclusive reinforced edges assure stability. Lower side bars are double strength and feature easy adjusting. Side members are WELDED to the frame doing away with time consuming nut and bolt cleaning. Built in Big Dutchman HEAT MATS and SLATTED FLOOR reduce mortality rates. Pigs are born on the porcelainized steel slatted floor and immediately seek warmth of the first of two "safety zone" heat mats. When the first heat mat is turned off, they seek the heat of the second mat which is located at the front of the unit. By nesting on this mat, pigs quickly form the good dunging habits vital to a disease free environment. Heat mats will not overheat the sow, reducing pig loss due to discomfort and uneasiness. FOR FARROWING, FINISHING, GESTATION or NURSERY . . . for one piece or an entire system . . . for total confinement, semi-confinement or pen feed lots, it will profit you to look to the leader. Big Dutchman has equipped hundreds of profit making hog operations and has an open invitation for you to inspect them. Contact any *Big Dutchman dealer, representative or write to Hog Division, Big Dutchman,* Zeeland, Michigan 49464. We are eager to make the necessary arrangements for your visit.

BIG DUTCHMAN

A Division of U.S. Industries, Inc.

215 Diller Ave., New Holland, Pa. 17557 Phone 354-5160

Law Tightened on Farmer Meat Selling

MULES

100 Head
Big Work Mules
3 to 8 year olds

50 DRAFT HORSES

Matched Teams — All Colors

This is the finest selection of horses and mules ever shipped to Lancaster County.

PRIVATE SALES DAILY
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MELVIN KOLB, INC.

621 Willow Road, Lancaster, Pa.
Phone 393-7459 - 393-6891

CLARENCE WEIDMAN
Phone 426-3135

PUBLIC SALE

OF FARM EQUIPMENT

MON., MAR. 15, 1971

Will be offered at Public Sale at M. M. Weaver and Sons Farm Equipment Store, Massey-Ferguson Sales and Service. 4 miles west of New Holland on Route 23, one and one-half miles northeast of Bareville, on the North Groffdale Road, or 10 miles east of Lancaster on Route 23, one mile on the right, opposite the Groffdale Mennonite Church, the following, to wit:

TRACTORS

We expect 40 by day of sale

Massey-Ferguson 1130 Diesel; 1100 Diesel; 180 Diesel; 175 Diesel; 85 Gas; 165 Gas; 65 Diesel; 35 Diesel; 35 Gas; Ferguson 30; John Deere 2010 Gas; MT with Cultivator; Farmall 340; 300 with Loader; 230 with Cultivator; Farmall M; Farmall H; W9; Oliver 1600 Diesel; Oliver 770 Gas; 77 Diesel; Caterpillar D2; Case 800 Diesel; Ford 801 Diesel; Massey-Ferguson 12 Garden Tractor; Massey-Ferguson Snowmobile; New P.T.O. Snow-Blower.

HAYING & HARVESTING EQUIP.

Fox Self Propelled Super D Forage Harvester with GM 471 Diesel Engine; Massey Ferguson 300 S P. Combine; New Holland 975; IH 403; MF 82 with corn head; MH 90 Special; New Holland 68 Baler; MF 33 Grain Drill; John Deere 14T Baler; MF 31 Dyna-Balance Mower; Allis Chalmers Haybine; Forage Wagon Box; Rear Unloading Unit; 8-ft. Corn Drag; New Holland 800 Forage Harvester; New Holland Hay Crusher; 2 Wagon Hoists; Bale Thrower; New Grove Wagon; Badger Forage Harvester; New Idea 1-row Corn Picker; New Holland 717 Forage Harvester with 1-row corn head and pick-up attachment; 7 Ton flat-bed Wagon.

Hawk Bilt Spreader; Brady Spreader; Long Spreader; IH 125 Spreader; Sauder Loader; Oliver Loader; Sauder Loader with Hydraulic Bucket.

Myers Silver Cloud Row Crop Sprayer with Ford Industrial Engine; 3-point Row Crop Sprayer.

Massey-Ferguson 3 - 14" Spring Trip Plow; John Deere 5 - 14" Spring Trip Plow; John Deere F130 3 - 16" Plow; Oliver Spring Trip 3 - 16" Trailer Plow, Oliver Spring Trip 3 - 16" 3-pt Plow; IH 2-pt. 3 - 14" Plow; Oliver Spring Trip 2-way 3 - 16" 3-pt. Plow; New McConnel Plow Packer; M.M. 4 - 16" Plow.

Demonstrater 12-ft. Dunham Cultimulcher; Demonstrater Massey-Ferguson 6-row Rear Mounted Cultivator; Pittsburgh 4-row 30" Cultivator.

M-F 4-row Corn Planter; Bush-Hog Minimum Tillage 4-row Corn Planter; John Deere 17-7 Grain Drill.

15 K.W. PTO Stand-by Generator; New 95 h p Gas Engine for 1100 Tractor; 12.5 K.W. P.T.O. Stand-by Generator.

New Cobey Mixer with Letz Plate Mill; F85 Farmhand Grinder Mixer; Bear Cat Plate Mill; Feed Mixer; John Deere Corn Sheller; John Deere Flail Chopper

Strunk Equipment will consign Truckload of Power Tools — Drills; New Chain Saws; Torque Wrenches; Electric Chain Hoists; Portable Grinder; New Wisconsin 10 h.p. and 17.4 h.p. Engines; Gasoline Driven Air Compressor; Welding Rods; Drill Press; Clutches; Sprockets; Bearings; Mufflers; Rewind Starters; Spark Plugs; Carburators; Exhaust Fans; Stand-by Generator.

SPECIAL SALE PRICE of $2,000.00 on New Massey-Ferguson Haybine.

Financing available day of sale.

Sale begins at 10:00 a.m. with Small Items; 10:30 a.m. Farm Machinery in field; 2:00 p.m. Tractors.

Monday, March 15, 1971. When terms will be made known by

M. M. WEAVER & SONS
North Groffdale Road, Leola, Pa.
Ph: 717-656-7702

Paul Z. Martin, Auctioneer
George Weaver and Wm. Z. Martin, Clerks

Regulations involving the handling and sale of meat by farmers have undergone extensive change in recent years and particularly in recent months

The following up-to-date statement on the situation was released jointly by H. Louis Moore, Penn State marketing specialist, and Max Smith, Lancaster County agricultural agent:

Shortly after the turn of the new year Pennsylvania became the 16th state to achieve meat inspection certification "equal to" federal inspection.

To earn this status Pennsylvania had to develop a law and regulations, financing and staffing, as well as actual inspection which matches the federal inspection program conducted by USDA.

The Wholesome Meat Act passed by Congress in December 1967 gave the states three years in which to comply with federal standards. Under a cooperative agreement the federal government provides half the money to finance meat inspection in Pennsylvania.

The Curtis Amendment to the Wholesome Meat Act was signed into law by President Nixon in mid-1970. This amendment **does permit** exempted custom slaughterers to handle meat commercially in the same establishment.

This means that plant can custom slaughter and process animals owned by customers without ante or post mortem inspection. After the custom slaughter kill is completed a clean up is required before the plant can resume regular slaughter under inspection.

Producer exemption: Under the earlier version of the Pennsylvania meat inspection law producers were permitted a wide slaughter and retail exemption. The General Counsel of the U.S. Department of Agriculture contacted the Pennsylvania Department of Agriculture pointing out that the producer exemption provisions of the state law were much broader than those permitted by the federal act: Under the original state exemption, "farmers who slaughtered their own animals for home use or sold exclusively at retail were exempt"

This permitted farmers to slaughter their animals and still retail at the farm, at farmers markets or door to door without inspection.

The State Attorney General ruled that the federal government has preempted the field with respect to meat inspection and that the federal producer exemption which **"permits the slaughtering by any person of animals of his own raising, the meat and meat products of such animals to be used exclusively by him and members of his household and his nonpaying guests and employees,"** become the new producer exemption in Pennsylvania.

With this new exemption the original intent of the 1967 federal law, "that all meat offered for retail sale will come from inspected plants," will be fulfilled.

The narrow producer exemption now in effect does not permit producers to retail uninspected meat.

Producers who wish to continue to retail meat must take their animals to a plant where the animals are slaughtered under inspection or farmers must get their own facilities approved so the animals can be slaughtered under inspection at the farm.

Since most farmers slaughter only small volumes of livestock, it will be impractical in most cases to apply for approval of small farm slaughter facilities.

If a farmer has his livestock slaughtered at a plant under inspection, he is then free to retail his meat cuts and farm processed meats. As a small retailer, the farmer does not need a meat handlers license.

As a retailer, however, he is subject to the laws and regulations of the Pennsylvania Department of Foods and Chemistry. A farmer's meat offered for sale at a retail outlet will be subject to the same random sampling of product which representatives of this department apply to retail food outlets throughout the state.

Therefore, the producer retailer is prohibited from having excess levels of moisture, fat, extenders, chemical preservatives and coloring in the meat products which he offers for retail sale. Some of these regulations are currently being revised.

If a farmer plans to expand his business beyond retailing to meat wholesaling, he is then required to apply for a meat handlers license.

WORK HORSE, DRIVING HORSE and MULE SALE

WED., MAR. 17 — at Blue Ball, Pa.

Sale starts promptly at 12 noon.

PAUL Z. MARTIN
Phone 717-354-6671

Martin Auctioneers

PUBLIC SALE

Farm Machinery and Corn

MONDAY, MARCH 15, 1971

11:00 o'clock

Along Route 324, 6 mile south of Lancaster, just north of Marticville.

IHC #656 gas with hydrostatic drive and P.T.O. pully (nice), IHC 16 in. 4 bottom semi-mount trip bottom, IHC #234 - 2 row mounted cornpicker, used 2½ seasons, IHC 7 ft. side mounted mower.

D14 Allis-Chalmers with AC loader, snow bucket, 2 row cultivator, pully & chains, 3 pt. snow blower with AC hitch, John Deere 14T baler, John Deere crimper, New Holland 36 ft. elevator with motor, 2 hayrakes, 1 Darf wheelrake, field sprayer on wheels, IHC 32 disc with fast hitch, 11 ft. Brillion cultipacker (good), AC 28 trailer disc, 9 ft. cultipacker, 16 ft. Cardinal elevator.

1967 Chevrolet ½ Ton Pickup, V8 - 238 cu. in. - low mileage
1962 Chevrolet ½ ton w/4 wheel drive, 4 speed flat bed w/racks.
KB 6 International V tag w/dump and blower.

IHC P.T.O. manure spreader (good), IHC #5 flail chopper, 5 ft. AC trailer rotary cutter, 9 ft. Chattanooga spring harrow, 2 row tobacco planter, AC 2 row cornplanter with fiberglass fert. boxes, 2 flat bed wagons, 1 New Holland with silage sides, 8,000 tobacco lath, shears, spears, 2 sets double tobacco ladders 1 on dual wheel trailer, AC combine P.T.O. with bin, hay rack on wheels.

App. 102 Ton Ear Corn
20 Ton 1st, 2nd, 3rd Cutting Alfalfa Hay

5 ton straw, 350 bu. speltz, 3 grain bins (2 New Hollands 1 McCurdy) mounted on 1 John Deere, 1 Oliver, 1 Tractor Supply, corn sheller, feed mixer, hammermill, 1½ ton steel bin, 1 - 3 hp. motor with mounted fan, 1 stock waterer, Brower 4-12 hole 80 bu. hog feeders; 1-8 hole 18 bu. hog feeder (both 1 yr.); 2 heater type hog waterers; 6 Trojan hog waterers; 1-55 gal. hog waterer; 1-500 gal. liquid fert. tank; 5-10 ft. wooden no-sag gates (1 yr. old); 3 hydraulic cylinders.

Platform scales, wheelbarrow, 120 gal. portable fuel tank with pump, portable water tank, 1 row potato planter, many elec. fence posts & wire, forks, shovels, chains.

Many other articles not mentioned.

Terms by,

MRS. HORACE F. GOOD

Kreider and Diller, Aucts.

Help Us Serve You

If your organization didn't make our farm calendar this week, it's not because we don't like you or your organization.

We may have missed it in the rush. Or maybe you forgot to tell us.

Either way, we'd like to extend our farm community service to you.

To get on the Farm Calendar, remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543. And help us serve you better.

Public Sale Register

SAT MAR 13—12 Noon Public Sale of Farm Machinery and Household Goods on the premises located ½ mile north of Bird-In-Hand along the Beechdale Road, turn north off Route 340 at underpass on Beechdale Road, Lancaster County, Pa Terms by Paul M. Smucker, Leroy Zook, Auctioneer

SAT. MARCH 13 — 10 A.M. Samuel Schlough and Son Annual Spring Sale of Livestock, Farm Implements and Antiques on the premises along Schlough Road between Allegheynville and Maple Grove, Berks County, Pa. Terms by Samuel Schlough and Sons, Leid and Gundy Auctioneers.

SAT. MAR. 13 — 12.00 Public Sale of Farm Machinery located ½ mile south west of Millersville. Sale by J. Harold Herr. Kreider and Diller Auctioneers.

SAT. MAR 13—11 A.M. Public Sale of Farm Equipment and Household Goods located on Harristown Road, located 1½ mile off Route 30, turn north at Vintage or 1 mile south of the Pequea Valley High School. Terms by Elam Buckwalter Robert E Martin and Frank Steller, Auctioneers.

MON MARCH 15 — Shalco's Canadian Division "Colossal" Sale at Stavely, Alberta, Canada

MON. MAR. 15—11 A.M. Public Sale of Farm Machinery and

(Continued On Page 37)

Delmarva Tomato Cultural Practices For Machine Harvest

The key to successful mechanical harvesting of tomatoes on the Delmarva Peninsula lies in the adaptation of new cultural practices, according to Richard Northam of Massey, Md, who had 90 acres of tomatoes machine harvested in 1970.

Northam told those attending the 84th annual meeting of the Peninsula Horticultural Society that Delmarva tomato growers have adequate machines to harvest their crops, varieties that will hold up under mechanical harvesting, and the support of local processors But before mechanical harvesters can prove their value, growers will have to change certain cultural practices.

Cultural practices that need changing include bed preparation, fertilization, weed control and planting, he explained

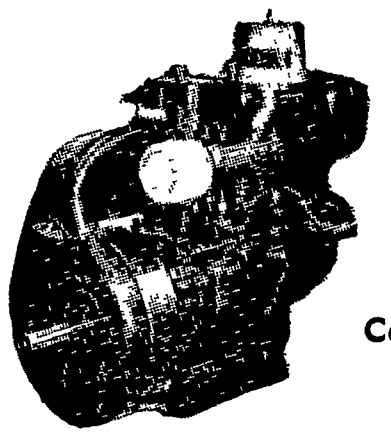
Tomato growers have traditionally used a fertilization program designed to maintain a strong, vigorous plant as long as possible But this type of program doesn't produce more fruit, it only delays the time it takes for the fruit to mature, says Northam A grower should put on only enough fertilizer so that the plant gets off to a good start and sets well Then the plant should stop growing and let the fruit ripen

For mechanical harvesting, the bed should be level and raised three to four inches above the row following the last cultivation, points out the Maryland grower He does not recommend using a bed shaper since the roto-tiller may change the structure of the soil and create a hard pan that prevents good plant growth.

Good weed control is also essential for efficient mechanical harvesting, says Northam. "Twenty tons of tomatoes in the field covered with weeds will result in five tons being harvested by the machine."

Finally, growers will have to plant direct-seeded tomatoes. Northam said direct seeding reduces the cost of plants and labor in addition to producing a plant that is relatively free of disease. He recommends planting no more than 10 to 15 acres of direct-seeded tomatoes per week for each machine that will be used at harvesttime.

"Petter Power Pays"
WORLD LEADERS IN DIESEL ENGINE DESIGN



Petter

1½ to 45 H.P.
Continuous Rating

MAKE US PROVE IT!

GEHMAN BROS.

Gas and Diesel Engines Sales and Service

1 Mile North of Terre Hill on Route 897

East Earl, R D 1, Pa. Phone 215 445-6272

We are as close as your telephone

Kent R. Ferrell, Jr. Auctioneers John H. O'Neill

PUBLIC SALE

Farm Machinery and Feed

The undersigned discontinuing farming will sell the following at public auction on the Swiss Dale Farm located on Hopewell Road 3 mi. southeast of Rising Sun between Barne's Corner and Cather's Corner in 6th Elec. Dist. of Cecil Co., Md. on

FRIDAY, MARCH 19, 1971

at 11 A.M.

Signs will be posted.

MACHINERY:

John Deere 4020 Diesel tractor late model, John Deere 2010 Diesel tractor late model, W.C. Allis Chalmers tractor, John Deere 4 bottom 16" semi-mounted plow, John Deere FBB 13 hoe drill, John Deere #9 mower, John Deere #115 wagon, John Deere #112 wagon, John Deere #300 40' elevator, Int'l. 10' disc on rubber, New Holland #269 baler w/PTO ejector like new, Brillion Cultipacker 11', Int'l. PR1 corn picker, Int'l. 4 section spring tooth harrow Int'l. hay conditioner, Hawk 200 bu. tank spreader, grain wagon, 2 hay wagons w/hyd. dumps, flat bed wagon, Int'l. 4 bar hay rake, portable air compresser, 1955 Chev. pick-up, and other farm tools and supplies.

FEED:

Approx. 30 tons hay of which ½ is clover and ½ 2nd cutting alfalfa in top condition, approx. 3000 bu. corn.

Lunch will be served.
Not responsible for accidents day of sale.

TERMS: CASH

Aberdeen Sales Co.
Sale Managers
P. O. Box 371
Aberdeen, Md.

MR. & MRS. JAMES HERR
Rising Sun, Maryland
Owners

B. B. Preston, Clerk
Nancy M. Ferrell, Cashier

PUBLIC SALE

Of Farm Equipment, Market Equipment, Household Goods and Antiques

TO BE HELD

SATURDAY, MARCH 20, 1971

Located along Meadow Road, next to Mastersonville Fire House, 7 miles Northwest of Manheim, Rapho Township, Lancaster County, Penna.

44 MASSEY H. TRACTOR with power st., G. ALLIS CHALMERS TRACTOR with cultivator & blade..

77 New Holland baler, 56 New Holland side rake, John Deere heavy duty dump wagon with 16' bed and sides, Massey Harris heavy duty offset disc, John Deere 415 A plow 3 pt 2-bottom trip, 32 ft Little Giant elevator, 16 ft. aluminum grain elevator, New Idea manure spreader, McKissic mixing cart, McCormick Deering traveling table hammermill, 10' cultipacker, 8' cultipacker, 3 pt spring harrow, 3 pt chisel, 8 ft roller, cornplanter, 2 way hd cylinder, platform scales, cement mixer, log chains, 20 ft endless belt, 2 wheelbarrows, pasture troughs, hog water barrels, iron troughs, forks, shovels, iron elect fence posts, wire & knobs, elect drills, oil pump, 42" barn ventilating fan, 3 pt fork lift, 7½ HP motor, bulldozer fence charger, .22 rifle with scope

SHEEP

30 Ewes with lambs — black-faced, 1 DONKEY, bridle, harness, and cart

20 Ton Corn, Alfalfa Hay, Clover Hay, Oats Straws, Baled Corn Fodder

MARKET EQUIPMENT

Deming Irrigation Pump with 7½ h.p elect. motor, 1½ h p pump, 3-inch aluminum irrigation pipe with sprinkler, 3-inch lightweight steel irrigation pipe, 200 gallon Myers sprayer with boom, 2-row potato planter, 1-row potato digger, 3 pt 2-row celery planter, 3 pt plastic roller, 3 pt. cultivator, 4-door refrigerator display case with compressor, 135 gallon washing tank on wheels, two 10' roller loading tracks, 235 bu crates, 275 greenhouse flats, 1½" new plastic pipe (600'), wooden frame for plastic greenhouse, 30" x 30" ventilating shutters

HOUSEHOLD ITEMS & ANTIQUES

Spool rope bed, trunks, chests, jelly cupboard, cane-seated chairs. rockers, baby bed, marble top bureau, washbowl and pitcher, butter churn, school desks, dishes

G E. Refrigerator, oil space heater, 275 gallon oil tank, crib with mattress, playpen, high chair, heavy duty stroller, walker, childs wardrobe, chests of drawers, single bed with mattress and box spring, desk, rockers, chairs, window screens, extension table, dishes, jars, aquarium, flower plants, redwood woven outdoor shades, 12 ft wide; 4 pair green fiberglass drapes (72" long) like new, Sylvania floor model comb. radio-record player, and many other items

Sale to begin at 10 30 A.M. when terms and conditions will be made known by

ABRAM B. & THEDA SIEGRIST

Rufus Geib and J. Omar Landis, Auctioneers
Jay Faus & Robert Hess, Clerks
Lunch by Mastersonville Fire Company

Kent R. Ferrell, Jr. Auctioneers John H. O'Neill

Public Auction

The undersigned, discontinuing farming, will sell the following at public auction on the former Clyde Bedsaul farm located on Creswell Road, 2 mi. east of Bel Air, Md. off Md. Rt. 22, 4 mi. west of Churchville, Md. off Md. Rt. 22, in Harford County. Sale located convenient distance from U.S. Rt. 1, U.S. Rt. 40 and Interstate 95.

SATURDAY, MARCH 20, 1971

10:30 A.M. Sharp

JD 4020 diesel tractor w/power shift, roll guard, etc., 610 hrs., JD 3020 diesel tractor w/power shift, 317 hrs., JD 2510 diesel tractor w/power shift, 873 hrs., #35 Massey Ferguson diesel tractor, #35 Massey Ferguson gas tractor, 300 Int'l. row crop tractor, AC WD 5 loader, Int'l H Farmall tractor w/cultivators, JD #24 T baler, JD #47 loader w/snow bucket, JD 10' disc on wheels, JD #8 7' mower, JD #216 chuck wagon, J.D. 246-247 corn planter/3 point hitch, JD F 125 3 bottom 16" plow, JD F 125 4 bottom 16" plow, JD #300 elevator, JD spring tooth harrow, JD #480 hay bind, JD #33 manure spreader, Woods 110" rotary mower, New Holland #717 chopper w/corn & grass heads, New Holland #55 hay rake, 2 New Holland grain wagons, New Idea #217 spreader, 3 New Idea wagons w/5 ton tires, Ford #903 post hole digger, 3 wagons w/racks & false end gates, wagon unloader, Int'l 13 disc grain drill, New Holland saw, Woods Bros. 1 row corn picker, New Idea 130 bu. spreader, Ferguson 2 bottom 14" plow, hay elevator, grain elevator, Brillion seeder & cultipacker, 2 Int'l discs, grain wagon, 18' flat bed truck body, Ferguson cultivators, 1956 Chev. 1½ ton flat bed truck, 2 feed carts, 3 Universal milkers, vacuum pump & milk line, wash vat, hot water heater, Wilson bulk milk tank and many small farm tools and supplies.

Feed: approx. 1500 bu. corn — approx. 50 tons clover & timothy hay in good condition.

MANAGER'S NOTE: This machinery is in excellent condition. On several tractors, the warranties are stilll in effect. If you need additional machinery or replacements, this is an exceptional opportunity to buy quality equipment.

Sale Managers:
Aberdeen Sales Co.
P. O. Box 371
Aberdeen, Md.

OWNERS:
MR. DALE VAUGHN
MR. FRED FULLER
Bel Air, Maryland

TERMS: CASH
Lunch served.
Not responsible for accidents day of sale.

B. B. Preston, Jr., Clerk
Nancy M. Ferrell, Cashier

PUBLIC SALE

FARM MACHINERY AND COMPLETE DAIRY DISPERSAL

6 mile South of Quarryville off Route 222, ¼ mile South of Robert Fulton Birthplace, take Little Britain road, ½ mile turn left and watch for signs.

1½ mile West of Fairmount.

TUESDAY, MARCH 23, 1971

11:30 A.M.

Case 630 tractor with power steering eagle hitch live P.T.O. 1382 hrs., 2 John Deere B with cultivators with over sized pistons, New Holland 269 baler with thrower (good), 2 wagons with high sides one wide track and 1 extra set high sides, Case 7 ft. mounted mower, Cunningham crimper, trailer wheel rake, New Idea rake 3 pt., Mayrath 33 ft. elevator with motor, I.H.C. 28 disc harrow, 9 ft. spring harrow, cultipacker, Allis-Chalmers P.T.O. combine with bin, 1 grain bin on wagon, Oliver #170 manure spreader.

APP. 85 TON EAR CORN
30 TON HAY — 8 TON STRAW

2 wheeled trailer, platform scales, weed sprayer, weeder, wood saw, feed carts, Stewart cow clippers, Planet Jr. garden tractor, wheel barrow.

3 - 50 lb. Surge milkers, 3 S.S. strainers, 2 S.S. carrying pails, 7 milk cans.

36 MILK COWS

28 Holsteins, 3 registered — 7 Jerseys, 1 reg. — 1 Ayrshire

11 - 1st and 2nd calf heifers, 7 due from Feb. 1 till sale time. Balance throughout year. A.B.C. and Curtis breeding, plant average test 4%. Many home raised, 30 day test. charts sale day.

Terms by,
RUSSEL GREER

Kreider & Diller, Aucts.

Lunch by Robert Fulton Fire Co

Reason for sale; Farm has been sold.

PUBLIC SALE

OF PERSONAL PROPERTY

SATURDAY, MARCH 20, 1971

10:00 O'CLOCK, A.M.

Along High road, between Turtle Hill and Metzler's road, one mile north of Farmersville.

4 TRACTORS
Oliver 660 Tractor - 3 pt. Hookup
Farmall Super A
Farmall A with Cultivator and Plow
Ford 8N with 6 ft. Mower

OLIVER 14" Plow, Oliver Double Cultivator, Oliver Manure Spreader, Oliver Disc Harrow, Oliver 7-ft. Mower, Oliver Corn Planter, Oliver Spring Harrow; Weeder, 30" Side Rake, Elevator, 2-row Stauffer Tobacco Planter, 16-ft. Flat Wagon on steel wheels; 14-ft. Rubber-tire Wagon, 16-ft. Rubber-tire Wagon; 1955 Chevrolet ¾-ton Truck, Corn Sheller, Platform Scales, 2000 Tobacco Lath, Bag Wagon, Hay Rope, Pulleys and Hook; Tobacco Shears, Shovels, Stone Sledge, 2 Wheelbarrows, 2-hp. Motor, Pump Jack, Handyman Jack; Poultry Supplies, Bee Supplies, Carpenter Tools, Flagstones, Bricks, Lumber; 2 60" Double Drain Porcelain Sinks, 2 Wash Bowls; Garage Doors, Window Sash, Hardwood Flooring, Asphalt Shingles, 12"x24" Black Slate Iron Pump Trough, Egg Washer and Baskets, Tobacco Shredder, Straw Cutter, Hay Knife, Roll-top Desk and Chair, 2 Flat-top Desks, File, Typewriter, Adding Machine, Check Writer.

OLD GRANDFATHER'S CLOCK

BEDROOM SUITE, Rope Beds, other Beds, Spring and Mattress, Chest of Drawers, 2 Dry Sinks, Breakfast Set with 4 Chairs; Extension Table, 2 6-leg Dropleaf Tables, Jelly Cupboard, Chest, Chairs, Rocking Chairs, Rag Carpet, Dough Tray, Butter Churn, Butter Mold and Scales, Brooms, Copper Kettle, 2 Iron Kettles, Butchering Equipment, Jars, Crocks, Dishes, 22 Bolt Action Rifle, 303 Rifle and other items too numerous to mention

Sale at 10:00 a.m. **Terms by**

CHRISTIAN G. HIGH

Frank L. Steller, phone 656-9055, and
Robert E. Martin, Phone 656-7770, Auctioneers

PUBLIC SALE

FARM MACHINERY AND HOUSEHOLD GOODS

Located along road between Smithville and Rawlinsville. One mile west of 272 from Smithville along Rawlinsville road, 10 mile South of Lancaster.

TUESDAY, MARCH 16, 1971

12 noon

John Deere #60 with 800 hitch, Farmall H with cultivators and Dumore manure loader, Massey Harris 101 Super with loader, John Deere 3 bottom F45 - 14 in. plow, 3 pt., J.D. offset disc, J.D. - K.B.A. 24 disc, J.D. 3 sec. spring harrow, 9 ft. Brillion cultipacker, J.D. 14T baler with #1 thrower, J.D. 480 mower conditioner, 3 wagons with high sides (Case and A.C.), New Idea 4 bar rake, I.H.C. mower, #32 7 ft., New Idea #17 spreader, New Idea fert. drill 10 ft., I.H.C. 2 row cornplanter.

15 TON HAY

2 Bo-matic milker units, stainless steel dumping station and inline strainer, S.S. strainer, 2 S.S. carrying pails, 6 milk cans, Stewart cow clippers, 2 feed carts, 1 fence charger solid state, 2 weed burners, hay rack, dairy blanket, cornsheller, hydraulic jack, handyman, oil drum and pump, neck straps, brooms, forks, shovels, chains and other articles not mentioned.

HOUSEHOLD GOODS — to be sold first

G E refrigerator, Kelvinator elec. range, 1 bedroom suite, utility cabinet, drop leaf desk, railroad lantern, crocks, quart jars, Kalamazoo space heater, tables baby furniture, spring mattress, bureau, chairs, lamps, porch furniture.

Terms by,
WILLIS M. GROFF

Kreider & Diller, Aucts.

Lunch by Bart Mennonite Homemakers

SCENIC PINE REGISTERED

HOLSTEIN DISPERSAL

AND FARM EQUIPMENT SALE

FRIDAY, MARCH 19, 1971

Just south of Rt. #30 along South Ronk Road, 7 miles East of Lancaster, Pa.

50 REGISTERED HOLSTEINS
a few grades included

23 milking age, 13 bred heifers, 14 young heifers and calves, certified and accredited, number fresh by sale day others throughout summer and fall, classified herd including (1) very good, many good plus. Some have milked up to 80 lbs. Herd bred to Atlantic and ABS.

(Selling) service age son of Oak Ridges Reflection Emperor.

Included in the sale dtrs. of Roeland Reflection Sovereign, (3) Rockmans, (3) Marquis, (1) G.P. 84, (2) Don Augar Mother Marthas Promise, Glenafton R.A. Hagen, Dumcravin Royal Successor, Irvington Pride Admiral, Pawnee Farm Arlinda Chief, Diamond S MR Copia Var D.

(5) SORREL MULES, (1) RIDING and DRIVING HORSE

#47 INT. HAY BALER (one year)

#303 ALLIS-CHALMERS BALER (3 years)

Flail fodder chopper, A C. power unit **Int. late model corn picker, picked less than 90 acres,** 2 way plows w/Super Chief bottoms, 106 walking plow, 2 bottom Oliver trailer plow, (2) cultivators (J D. & Mc.), J. #999 corn planter, Mc. #9 7 ft No 9 mower, Farm Hand wheel rake, N.H hay crusher, (2) cultipacker, J.D. spring harrow, (2) 2 horse trucks, (1) 4 horse truck w/hill side hitch, J D manure spreader, Ontario seed drill, KBA disc harrow, J D flat-bed wagon, (2) six-horse hitches, single, double and triple trees, vice, (23) cow trainers, chain hoist, electric fencers, Nap-Sack sprayer, (2) wheelbarrows, bale boxes, 3 feed carts, heifer hay rack, mineral feeder, Stewart clippers, (3) S.S lantern shades, (2) bottled gas lights, (2) Coleman lanterns, 8-HP Lister diesel.

MILKING EQUIPMENT

400 gal Milk-Keeper Bulk Tank (approved), 4 H P compressor, (2) DeLaval units, extra pails.

1,000 BU. CAPACITY CORN CRIB — 1,400 BU. EAR CORN

Equipment at 10:30 A.M. — Cattle at 1:15 P.M.

Owner

AMOS M. FISHER

Carl Diller & J. Everett Kreider, Aucts.

Lunch Available

SALE REGISTER

(Continued From Page 36)

Corn located along Route 324, 6 miles south of Lancaster, just north of Martiville. Terms by Mrs. Horace F Good, Kreider and Diller Auctioneers

MON MAR 15—10 A M Public Sale of Farm Machinery at the M M Weaver and Sons Farm Equipment Store Massey Ferguson Sales and Service, 4 miles west of New Holland on Route 23 turn north on Groffdale Road Terms by M M. Weaver & Sons, Leola, Pa.

TUES MAR 16 — 7:30 P.M. Semi-Monthly Dairy Sale at Galena, Md Harry Rudnick & Sons, Inc Auctioneers and Sale Manager.

TUES. MAR 16—10 A.M. Public Sale of New and Used Farm Equipment on the premises located ¼ mile south of Adamstown on Bowmansville road off Route 222, 9 miles west of Reading Interchange of Pa Turnpike in Lancaster Co, Pa Terms by Edwin Hurst, Inc, Ralph W Horst and Blaine Rentzel, auctioneers

TUES. MAR. 16—12 Noon Public Sale of Farm Machinery and Household Goods along road between Smithville and Rawlinsville, one mile west of 272 from Smithville along Rawlinsville road, 10 miles South of Lancaster Terms by Willis M. Groff, Kreider and Diller, Auctioneers.

WED MAR 17—12 Noon Paul Z. Martin's Draft Horse and Mule Sale in Blue Ball, Pa.

THURS. MAR 18—12:00 Noon Public Sale of Registered Holstein Dispersal located 2 miles south of Rt. #23, ½ mile east of Mascot along Musser School Road, Lancaster Co., Pa.

THURS. MAR 18—11 A.M. The Royal Ivanhoe Heritage Sale and The 295th Garden Spot Sale to be held at the Guernsey Sale barn located 4 miles east of Lancaster on Rte 30 R. Austin Backus, Inc, Sale Mgrs. and Auctioneers, Mexico, N. Y. and Earl L. Groff, Local Rep. Strasburg, Pa.

THURS. MAR. 18 — 10:00 A.M. Public Sale of Farm Equipment and Household Goods located four miles east of Elizabethtown, along the Harvest Road. Take Elizabethtown Road to Drumheller's Garage: go north on Trail Road to Harvest Road. Sale by Frank M. and Mary H. Herr, Elizabethtown, Pa. Raymond Miller and Rufus Geib, Auctioneers.

THURS. MARCH 18 — Public Sale of Farm Equipment and Household Goods. Located 4 miles east of Elizabethtown. Sale by Frank and Mary Herr, Raymond Miller, auctioneer.

FRI MAR 19—10 A M. Public Auction of New and Used Farm and Industrial Equipment located 4 miles north of York, Pa. on Route 181 or 20 miles south of Harrisburg from Interstate 83 — Exits 10 or 11. Sale by York County Farm and Industrial Equipment Co., Inc Emigsville, Pa.

FRI MAR 19—9 30 A.M. All Day Consignment Sale on North Maple Ave, Leola, ½ mile north of Rt. 23 Sale by David H. Good, Frank and Paul Snyder, auctioneers

FRI. NIGHT MAR 19—8 o'clock Another Quality Dairy Cow Sale hand picked Canadian Reg. and Grade Holsteins at the Black & White Holstein Farm, Lancaster, Penna. on US 230 By Pass across from Comet Theatre or ¼ mile west of ABC Breeders Unit Sale by Charles C. Myers, owner, A Diffenbach, Auctioneer

FRI. MAR 19—11 A.M Public Sale of Farm Machinery and Feed on the Swiss Dale Farm located on Hopewell Road, 3 mi. southeast of Rising Sun between Barne's Corner and Cather's Corner in 6th Elec Dist of Cecil Co., Md. Sale by Mr & Mrs.

(Continued On Page 38)

Public Sale Register

(Continued From Page 37)

James Herr, Rising Sun, Md., owners, Aberdeen Sales Co., Sale Managers

FRI MAR. 19 — Scenic Pine Registered Holstein Dispersal and Farm Equipment Sale just south of Rt #30 along South Ronk Road, 7 miles East of Lancaster, Pa. Equipment at 10:30 A M. Cattle at 1 15 P.M. Sale by Amos M. Fisher, Owner, Carl Diller and J. Everett Kreider, Auctioneers.

SAT. MAR. 20 — Hogs 11:30 A.M. Cattle 1 P M. 85 Registered Canadian Holsteins, 125 Yorkshire Hogs, located 4 miles North of Lebanon, 1 mile North of Cleona on Route 422. Sale by R. F. Heilman & Son, Lebanon, R D. #4, Pa.

SAT MAR 20—10 A.M. Public Sale of Farm Equipment and Household Goods located along High road between Turtle Hill and Metzler's Road, 1 mile north of Farmersville. Terms by Christina G. High. Frank L. Steller and Robert E. Martin, Auctioneers.

SAT MAR. 20 — 10:30 A M. Public Auction of Farm Equipment on the former Clyde Bedsaul farm located on Creswell Road, 2 mi. east of Bel Air, Md. off Md. Rt. 22, 4 mi. west of Churchville, Md off Md. Rt. 22. in Harford County Sale located convenient distance from U S. Rt 1, U S. Rt 40 and Interstate 95 Sale by Mr Dale Vaughn, Mr Fred Fuller, owners, Bel Air, Maryland. Sale managed by Aberdeen Sales Co.

SAT MAR 20 — 10 30 A M. Public Sale of Farm Equipment, Market Equipment, Household Goods and Antiques located along Meadow Road next to Mastersonville Fire House, 7 miles northwest of Manheim, Rapho Township, Lancaster County, Pa. Terms by Abram B & Theda Siegrist Rufus Geib and J. Omar Landis, Auctioneers.

SAT. MAR 20 — Russell Heilman & Son Public Sale of Hogs and Cattle located 4 miles north west of Lebanon, 1 mile north of Cleona and Route 422. Hog Sale at 12 p m cattle sale at 1 p.m Terms by Russell Heilman and Son, Lebanon R D. #4, Pa Dupes and Ebersole, auctioneers

SAT. MAR. 20 — 10:00 A M. Public Sale of Household Goods and Antiques located about 1 mile south of the Central Manor Camp Meeting Grounds. Sale by the Suie Breneman Estate. Kreider and Diller Auctioneers.

TUES. MAR 23 — 11 30 A.M. Public Sale of Farm Machinery and Complete Dairy Dispersal located 6 miles south of Quarryville off Rt 222, ¼ mile S. of Robert Fulton Birth Place, take Little Britain Road, ½ mile turn left and watch for signs, 1½ mile west of Fairmount Terms by Russell Greer, Kreider and Diller Aucts

WED MAR 24—9 A M. Paul Z Martin's Farm Equipment Sale in Blue Ball, Pa.

SAT. MAR 27—12 Noon Public Sale of Household Goods and Antiques located between Quarryville and Buck along Rt 372. Sale by George J Pickel Lloyd H Kreider, Auctioneer.

(Continued On Page 39)

NOTICE

Postponement of Sale

Originally scheduled for

Friday, Mar. 5, 1971

for Edwin Hurst Inc.
Mohnton #2 Pa.
(Near Adamstown, Pa.)

Will be held on

TUESDAY MAR. 16, 1971

The same machinery will be sold.

at 10 a.m.

Ralph Horst, Auct.

215-484-4391
215-484-4733

PUBLIC SALE

OF HOUSEHOLD GOODS AND ANTIQUES

SATURDAY, MARCH 27, 1971

12:00 NOON

Located between Quarryville & Buck along 372.

Roll top desk in good condition, jelly cupboard, blanket chest, clothes tree, Empire chest of drawers, washstand, 3 & 4 piece bedroom suites, clothes hamper, 3 piece living room suite, end table, Philco Super 90 21 inch TV, 2 floor lamps, table lamp, hassock, two 9x12 rugs, throw rug, 2 platform rockers, Singer sewing machine, sewing box, huzzie couch, odd chairs, 4 small oak stands, Ziegler heatrola oil burner like new, electric heater, nice round table, porcelain table, metal kitchen cabinet, Philco electric stove, Frigidaire frost proof refrigerator, Maytag washer, copper washboiler, dishes of all kinds, pots & pans.

Not responsible for accidents day of sale.

Refreshments

SALE BY

GEORGE J. PICKEL

Auct., LLOYD H. KREIDER

PUBLIC SALE

Of Valuable Farm Machinery

SATURDAY, MARCH 27, 1971

at 11:30 A.M. sharp

At R.D. #2, Felton, Pa. in Chanceford Twp. Turn off Route 74 at Green Valley Farms & follow sale arrows, first road past St. James Church turn right. The undersigned will offer at public sale the following —

1963 Model 460 Farmall fast hitch power steering 1700 hrs., 6000 Ford Diesel with 3 point hook & power steering, M Farmall, H Farmall, cultivators for H or M, New Idea 310 one row corn picker, 2 McDeering 9 ft. transport discs, Brady 7 ft. flail chopper, 12 ft. hydraulic spring tooth harrow, McCormick 3 section harrow, Ontario grain drill on rubber, McCormick two row potato planter like new, McCormick two row potato digger, Trexler 2 & 4 piece potato cutter with bagger & elevator, McCormick 10 ft. fertilizer distributor, Ford 3 pt. cultivators, McCormick two row fast hitch cornplanter, Grove 7 ton wagon with hoist, McCormick 4 ton all steel wagon with hoist, Farmco gravity bin on John Deere running gear, J. Deere 32 disc, Four bottom 14" 3 pt. J. Deere spring trip plow, Three bottom 16" fast hitch spring trip plow. Mulkey 24' elevator, chisel plow, Cross unloading elevator, Brillion cultipacker, McCormick side delivery rake, 59 Int. truck 26,000 gross weight with hoist, 53 Int. farm truck with 12 ft. bed, J. Deere No. 43 3 pt. corn sheller, plow mulcher for three bottom plow, Century weed sprayer, New Idea No. 17 manure spreader, J. Deere 25 combine, Oliver 2 and 4 row potato weeders, snow blade for 460 Farmall, 3 pt. hook 6 ft. blade, 12 ft. auger, New Holland 3 pt. 7 ft. mower, New Idea 7 ft. semi mounted mower, 3 pt. 5 ft. rotary mower new, J. Deere sub soiler, Boggs potato grader, 13.6 x 38 tractor chains, seed easy P.T.O. clover seed sower, Homelite chain saw, Shopmaster 8 inch bench saw, Black & Decker 7 inch power saw, Detecto 10-15 lb. scales, hog troughs, butcher stove, approx. 300 ⅝ potato baskets and other articles too numerous to mention. Not responsible for accidents on day of sale. NOTE: Farmers, don't miss this sale. Most all of the above machinery is in very good condition.

Refreshments by LCW of St. James Church.

Terms: Cash

Jacob A. Gilbert, Auctioneer
Phone 244-6320 or 252-3591
Frey, Gilbert & Leber, Clerks

GLENN R. BROWN

PUBLIC SALE

REG. HOLSTEIN DISPERSAL — 85 HEAD

45 COWS — 40 HEIFERS

(Bred, Open, Small Calves)

2 miles south of Rt. #23 — ½ miles east of Mascot along Musser School Road, Lancaster Co., Pa.

THURSDAY, MARCH 18

Registered Holstein Dispersal — Certified and Accredited for many years. D.H.I.A. records, sale including these good record cows.

M. Heather Major dtr. 4 yr. 365 d. 17,280 - 658 - 3.8%
Seiling Rockman dtr. 3 yr. 323d. 14,225 - 513
Roybrook Telstar dtr. 3 yr. 314d. 14,076 - 467
Osborndale Ivanhoe dtr. 305d. 19,429 - 666 - 3.4%
Mayers Dark Leader dtr. 340d. 16,822 - 606 - 3.6%
Locust Lodge Scepter dtr. 325d. 17,715 - 614 - 3.5%

Others sired by following, R. Reflection Marquis, Irvington Pride Admiral, Penstate Starman, Paclamor Ivanhoe Black Eagle, Rockdale President, Ideal Fury Reflector, Charmer, also a son of Marquis

Mostly bred to Atlantic sires Many due by sale day, others summer and early fall.

Cattle have plenty of size and dairy type.

DAIRY EQUIPMENT

500 gal. Girton approved tank, 3 DeLaval units, S.S. tubs and water heater.

Sale held under tent, Catalogs.

Don't miss this sale Thursday, March 18 at 12:00 Noon.

by

ISAAC S. LANTZ

Carl Diller and J. Everett Kreider, Aucts.

Lunch available

PUBLIC SALE

Of Valuable Real Estate and Farm Machinery

SATURDAY, APRIL 10, 1971

at 11 A.M. sharp

At R. D. #3, Red Lion, Pa. in Windsor Twp. 1.3 miles South of Red Lion, watch for sale arrows. The undersigned will offer at public sale the following —

REAL ESTATE

Real estate is located in North Hopewell Twp. 1 mile South of the machinery sale. Farm consisting of approx. 53 acres with 33 acres of farming land in high state of cultivation, balance in woodland. There are no buildings on this farm, some road frontage on both sides of Twp road. Farm will be offered from the machinery sale site at 2 P.M. Inspection by appointment with owner phone 244-2934 or auctioneer. Terms: 10% down, balance in 60 days Other conditions will be made known on day of sale.

JOHN DEERE FARM MACHINERY

Model "60" tractor with live hyd., PTO and power steering, Model "B" tractor, 24T baler, 1967 Model 45 combine with 10' grain header and model 235 2-row corn header, 227 2-row mounted corn picker, 3 grain tight wagons - 2 with hyd. dump and 2 with airplane tires, 3 bottom plow, 12' 3 section spring harrow, 9' Kilifer disc, 8' rope trip disc, 2 row cultivators, No. 2 Swath Flufter, No. 246 2-row corn planter, 10' lime and fertilizer distributor, 6' Gyramore rotary cutter, 13 disc hyd. grain drill, No. 43 cornsheller with PTO drive and 3 pt. attachment, 10" hammermill, hyd cyl. and hoses, also New Idea side rake & tedder, David Bradley ½ ton feed mixer, D.B. cement mixer, roll away elevator, Smoker 30' elevator, 250 gal. Hanson field sprayer with booms, Speedy boomless sprayer with gun and hose, 9' Brillion cultipacker, Garber tractor seeder.

ANTIQUES

2 sets harness, collars, flynets, lines, single & double trees, spreaders, wooden beam plow, 2 shovel plows, single row corn worker, 2 single row corn planters, grain cleaner, straw cutter, cider press with grinder, grinding stone, crocks, wooden wagon seat, hay fork.

TRUCK AND MISCELLANEOUS

1950 ¾ ton Chevrolet truck with racks and sideboards, seed treater, 2 ton Yale geared chain hoist, 1 ton chain hoist, steel I beams, 1 large and 1 small air compressor, 1 pr. 600-16 6 ply tires, 25 chicken coops, hog feeders and waterers with pipe, platform scales, computer scales, elec meat slicer, meat grinder, 6"-75' Thermoid hammermill belt, linseed oil, coal brooder stove, bath tub, set of tractor chains, 6 - 44" x 80" steel window sashes with glass, scalding trough, grease, 12 1-20" turnbuckles, cattle drinking cups, tools, bolts, canvas, toys and many other articles too numerous to mention. Sale rain or shine Not responsible for accidents day of sale. Refreshments served by Everfaithful Class of Zion U.M. Sunday School.

Terms: Cash

RODGER L. MYERS, Owner
R.D. #3, Red Lion, Pa.
Phone 244-2934

Jacob A. Gilbert, Auctioneer
Phone 244-6320
George Keeney, Clerk

Another Quality DAIRY COW SALE

60 Head) Hand Picked Canadian Reg. & Grade Holsteins (60 Head

At Black & White Holstein Farm, Lancaster, Penna.
On US 230 By Pass across from Comet Theatre or
¼ mile West of ABC Breeders Unit

on

FRIDAY NIGHT, MARCH 19th

at 8 o'clock sharp

30 Very Choice Registered Holsteins, many of them Classified with very good Prod. and B. F. records.

30 Big, young top quality Grade Holsteins, all of them just fresh or close up springers. Prod. to 90 lbs. daily.

Your Place to buy Quality Dairy Cattle.

Credit terms available.

A. Diffenbach, Auct. — **H. Kettering, Pedigrees** — **Charles C. Myers, Owner**

PUBLIC SALE

OF FARM EQUIPMENT AND HOUSEHOLD GOODS

THURSDAY, MARCH 18, 1971

10 o'clock

Located four miles east of Elizabethtown, along the Harvest Road. Take Elizabethtown Road to Drumheller's Garage; go north on Trail Road to Harvest Road. Watch for Signs.

MASSEY HARRIS COMBINE No. 82
INTERNATIONAL 350, Fast Hitch, P.S.
FARMALL 300, Fast Hitch

FARMALL M
with Mounted No. 30 I.H. Loader,
No. 20 New Idea Cornpicker

FARMALL SUPER C
with Cultivator

I H Equipment — Fast Hitch 6500-watt Electrical generator, No 311 Plow, No 100 Mower, Corn Planter, Blade, Ontario 14-disc Grain Drill, New Idea Fertilizer Drill, Alfalfa Disc Drill, 2 New Holland Gravity Bins, with running Gears, New Holland 77 Baler, No 300 New Holland Spreader, 2 Flat Wagons, 3 Two-wheel Trailers, McKissic Grain Bin, 36' New Holland Elevator, Smoker Drag Elevator, 26' Cup Elevator, 16' Harvest Handler Elevator, 36'6" Auger, Two 20'4" Augers, 3 Small Augers, I H Corn Sheller on Trailer, Papec Mixer, Trailer Sprayer, John Deere Kilhefer Disc, I H Disc, 2 Rollers, No 452 New Idea Rotary Cutter, 3 Hammer Mills, 1-ton Chain Hoist, Handyman Jack, Concrete Mixer, Air Compressor, Platform Scales, Mall 5 h p Chain Saw, Wheelbarrow, Electric Fencers, 10 Electric Motors, all sizes, Log Chains, Block-and-Tackle, Extension Cords, Milk Cans, all kinds of Chicken Equipment, Hog Troughs, Bag Wagons, Galvanized Roofing, Wire, Lumber, Bolts, Tools, 20-gal Creosote, 20 gal LV4 Weed Spray, an Extra Large Quantity of Small Items

International 1952 5-ton Truck
Chevrolet 1950 ½-ton Pickup
120 TONS EAR CORN
200 BU. BARLEY, 60 BU. WHEAT, 4 TONS STRAW

Household Goods and Antiques

High-back Dry Sink, Packard Organ 2-pc Wash Bowl Set, Large Pitcher, Ext Table with 6 Chairs, Beds, Wardrobe, Washstand, Chairs, Old Desk, Desk Chairs, School Desk, Flax, Butter Churns, Lard Press, Large Dinner Bell, Washboards Crocks, Jars, Wooden ½ bu, Wooden ½ pecks, 50-gal Electric Water Heater, Dishes, 308 Winchester Model 88 with scope, 22 Stevens with scope, many other items

Order of Sale Household Goods, Small Items, Grain, Farm Equipment

SALE BY
FRANK M. and MARY H. HERR
Elizabethtown R.D. #3, Pa.

Aucts.: RAYMOND MILLER — 665-4188
RUFUS GEIB — 665-4136

Lunch by Risser Mennonite Sewing Circle
Not Responsible For Accidents

Public Sale Register

(Continued From Page 38)

SAT MAR 27—1 A M Auction Sale of Farm Equipment located at the blinker light on Rt 19 in the borough of Venango, Pa. Farming operations are being discontinued Sale by James Howles, Venango, Pa, owner. Earl and David Nicolls, Conneautville, Pa, Auctioneers.

SAT MAR 27—10 00 A M Commonwealth of Pennsylvania Dept of Property and Supplies Surplus Farm Equipment Dispersal located at Bellefonte, Penna, Rockview Correctional Institution You must enter Farm Grounds off Route 26 only between Bellefonte and State College, Penna Commonwealth of Pennsylvania Dept of Property and Supplies, Owners Ronald D West, Sale Manager

SAT. MAR 27 — 12 30 Complete Milking Herd Dispersal located 6 miles north of Palmyra, Pa Take North Railroad Ave and continue 6 miles Approx 3 miles south of Rt 22, 15 miles east of Harrisburg, Pa in Lebanon County Sale by Russel S Houser, Annville R D #2, Pa Sale managed by Carl Diller, Paul Snyder, Auctioneer.

SAT. MAR 27—Public Sale of Farm Equipment, Horses and Household Goods located on North Shirk Road ½ mile west of New Holland, turn off Rt 23 at Good's Furniture Store Terms by Amos W. and Lydia F Horning, Robert E Martin and Frank L. Steller, Auctioneers

SAT MAR 27 — 11 30 A M. Public Sale of Valuable Farm Machinery located at R D #2, Felton, Pa in Chanceford Twp. Turn off Route 74 at Green Valley Farms and follow sale arrows, first road past St James Church turn right Terms by Glenn R Brown, Jacob A. Gilbert, Auctioneer

TUES MAR 30—9 A M in the village of Martindale, Public Sale of Farm Implements, Trucks, a lot of hardware, electric motors and Antiques by Jared R Stauffer Frank Snyder and Charles Good, auctioneers.

TUES MAR 30 — 12 30 P.M. Ti-Mai Farm Registered Holstein Dispersal located 2 miles south of Atglen, Chester Co, Pa Turn right off Rt 41 at Octorara School, turn left on the old Rt 41, take first road right Sale by Titus and Marion King, Atglen, Pa Carl Diller and J Everett Kreider, Auctioneers

WED MAR 31 — 12 30 P.M. Public Sale of Household Goods and Farm Machinery located 4 miles south west of Wakefield. Sale by Edward Zawichi Kreider and Diller auctioneers

FRI APRIL 2 — 11 00 A.M. Public Sale of Farm Equipment located just east of Route 30, ½ mile south of the Tourist Information Bureau, at Schick Interchange, opposite Schick Razor Plant, 1804 Hempstead Road, Lancaster County, Pa Terms by John N Landis, Sale by J Omar Landis Auction Service

SAT. APRIL 3—12 30 P M Andersons Complete Milking Herd Dispersal Terms by Russell Anderson. Sale Mgr. D. O. Rockwell.

SAT APRIL 3—1 30 P M Feeder Pig Sale located 2½ miles South of Bethel from U S 22 and 6 miles north of Myerstown, Pa. along U S 501 Sale by Norman M Martin, Myerstown, RD1, Pa.

SAT APRIL 10—10 A M Public Sale We are overstocked with used equipment and some new items and we offer them at Public Sale on Sat, April 10. See issue of March 20, 1971 under Public Sales for complete listing All items subject to prior sale Sale by Millers Sales and Service, Inc, Highway 851, Stewartstown, Pa

SAT APRIL 10 — 11 A M. Public Sale of Valuable Real Estate and Farm Machinery located at R D #3 Red Lion, Pa. in Windsor Twp 1 3 miles south of Red Lion watch for sale arrows Terms by Rodger L. Myers, Owner, Jacob A Gilbert, Auctioneer

SAT APRIL 10 — Rawlinsville Fire Company All Day Benefit Sale to be held at the Fire Hall in Rawlinsville, Kreider & Diller Auctioneers

SAT APRIL 24 — 11 00 A M. Public Sale of Real Estate and Household Goods located 1½ miles west of Millersville. Sale by Benjamin Manning Kreider and Diller Auctioneers

MON. MAY 10—Shalco's Sugar Loaf Division "Colossal" Bull and Cow Sale at Staunton, Virginia

THURS AUG 19 — Complete Holstein Dairy Dispersal of 130 head located near Berrville, 3 miles south east of Charlottsville in Berks County Sale by John B. Schlappich Kreider and Diller auctioneers

MON AUG 30 — Shalco's Colossal" Vacation Sale at Minatare, Nebraska

THURS. NOV 4 — "Colossal" Progeny Sale, Staunton, Virginia

FRI. NOV. 5 — Shalco's Sugar Loaf Division "Colossal" Calf Sale, Staunton, Virginia.

Pennsylvania Landrace Association

STATE SHOW and SALE

Saturday, Mar. 27, 1971
Show: 9:00 A.M.
Sale: 1:00 P.M.

Location Pennsylvania Farm Show Building Harrisburg, Penna.

Landrace The Great White Breed
50 HEAD

BRED GILTS — OPEN GILTS — BOARS

Landrace Trade Marks
The original lean meat breed
The world's best mothers
More capacity to produce
An asset to any herd

For catalog write to:
JAY D. BLATT, Secretary, R.D. #2, Annville, Pa. 17003

Pennsylvania Landrace Association
R2, Annville, Pennsylvania 17003

RUSSELL HEILMAN & SON

PUBLIC SALE

85 – Reg. Canadian Holsteins – 85

SATURDAY, MARCH 20, 1971

4 MILES NORTH-WEST OF LEBANON —
1 MILE NORTH OF CLEONA AND ROUTE 422

30 FALL COWS, due Sept., Oct. and Nov.
30 FRESH AND CLOSE SPRINGERS
Herd Sire — GEM ROCK IVAN JACK, #1575486
Dams Record —
2 years old — 318 days — 14057 milk — 608 fat — 4 4%
3 years old — 308 days — 14806 milk — 631 fat — 4 6%
5 years old — 365 days — 20571 milk — 905 fat — 4 4%
D.H.I A Records announced sale day

Special — PECORADALE ROYALIST DOTTIE, #6714999
Good Plus, Fresh
Records — 2 years old — 329 days — 16908 milk — 631 fat
3 years old — 307 days — 19317 milk — 701 fat
3 Daughters of Roybrook Telstar
3 Daughters of Seiling Rockman
3 Daughters of Lassie Leader
4 Daughters of Forest Lee Rockett Centurian
5 Daughters of Glenafton Royal Hamilton

Incomplete D H I A Records of the following cows —

Ronary Nettie Lass Queen	66 Days	4929 Milk	188 Fat
Penter Rag Apple Royal	65 Days	5150 Milk	197 Fat
Mt Healy Royal Daisy	135 Days	6277 Milk	274 Fat
Northdell Ajax Hamilton Spot	95 Days	4769 Milk	167 Fat
Weeping Birch Royal Reta	115 Days	5302 Milk	175 Fat
Maspirue Telstar Star	90 Days	4613 Milk	159 Fat
Chorassa Supreme Stella	44 Days	2828 Milk	101 Fat

30 Started HEIFER CALVES from above cows
Some good show prospects and F.F.A. Calves —
Test Charts Sale Day

100 YORKSHIRE HOGS — 25 Bred Gilts,
3 Service Age Boars, Balance Shoats (40 to 100 lbs)

ORDER OF SALE: HOG SALE 12:00 P.M.
CATTLE SALE 1:00 P.M.

Pedigrees—Fred Naugle, Carlisle, Pa.
Auct.—Dupes & Ebersole

Write for Catalog:

RUSSELL HEILMAN & SON
ROUTE #4, LEBANON, PA. 17042 **Phone 717-867-1625**

AGWAY

Nick Ferrent, Jr.
Agway — P. O. Box
Yardville, New Jersey 08620

OUR NATIONWIDE FIRST PRIZE WINNER

NORTHERN CORN ROOT WORM

As you know Agway has picked the Ezee Flow Line applicator since we feel it is the best on the market.

AGWAY RECOMMENDATIONS

Our recommendations for ROOT WORM are DYFONATE 10G and BUX TEN.

WHY?

DYFONATE 10G has been picked over many other products because of its excellent control of Northern Root Worm, its CONTINUED CONTROL until the damage period is over in late July, its spectrum of insects covered (including Garden Centipede) and its IN LINE COST considering the job it does.

Our number two recommendation will be BUX TEN. It has a slightly shorter residual. It can be used on mid to later planted corn.

SEED CORN

We had a bumper crop of seed corn. We are proud of Agway's performance. . . We did not find it necessary to remove a single variety from our recommendations.

Are you on Nick's mailing list? His letter received FIRST PRIZE in the NATION.

Why not ask your Agway how to get on his mailing list?

CALL FOR AN AGWAY ENTERPRISE SALESMAN

G & G Feed & Supply
872 Mt Joy Road
Manheim
665-5001

Henry B. Hoover, Inc.
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Lancaster Store
Manheim Pike and
Dillerville Road
Lancaster
394-0541

New Holland Store
219 S. Railroad Ave.
354-2146

Salunga Store
101 Main St
Salunga, Pa.
898-2248

M. M. Good & Son
R. D. #1
Gordonville
768-3781

Mrs. Jacob L. Kurtz
1160 N. Market St.
Elizabethtown
367-5430

Willow Street Store
R. D. #1
Willow Street
464-3521

Quarryville Store
27 E. 4th St.
786-2126